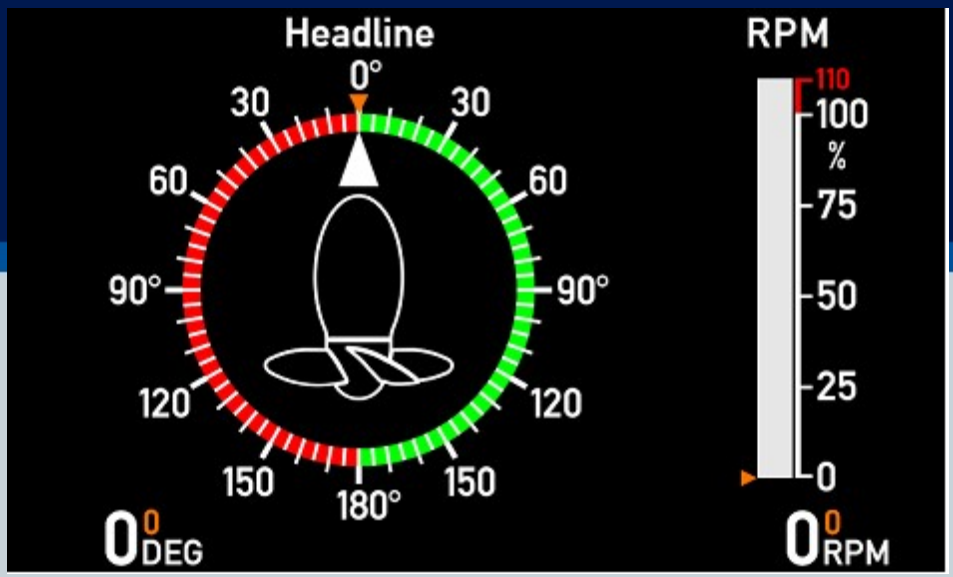
XDi 144/192 Multi

Standard Azimuth



Library owner: DEIF STANDARD LIB

Library number: 1

Library version: 2013

Table of Contents

Library description :

This XDi Multi library contains a selection of Azimuth Multi indicators (VI), respectively for forward and aft bridge applications.
Each virtual indicators has a selection of input/output setup profiles (VS) covering the most common used combination of XDi-net, CANopen, AX1 analogue and DX1 digital inputs. Some VS profile also supports the NX NMEA extension module.
Default CAN bus setup and dimmer input configurations are available in the selection of product profiles (PP).
Select the VS and PP profile that fits your need for CAN, Analogue or Digital inputs and make the necessary adjustments via the XDi installation menu or user menu.
All multi indicators has a set-point (commanded value) presented in orange. Disable the set-points that you don't need via the installation menu (Menu: Edit virtual indicator).

PLEASE NOTE:
This library is using XDi platform 2 main software (version no. higher than 2000). It is possible to update an existing XDi "Platform1" unit to "Platform 2".
It is important that you always use the latest Upgrade tool, it can be downloaded from DEIF.com - Software.
Please also note that it will take a little longer to upgrade to a new platform than when making an update where the correct platform software is already installed.

Library status symbols :

	Released & Locked
	Approved
	Pending
	Draft
	Not approved

XDi Library Information

Timestamp 08-02-2023 15:25:48

Library Specification

Library owner no. :	000001
Library owner name :	DEIF STANDARD LIB
Product type :	XDi 144/192
Performance class :	Multi
Library number :	1
Library name :	Standard Azimuth
Library orientation :	Landscape
Library status :	Released & Locked
Library version :	2013
Last changed :	08-02-2023 15:25:42

Library default settings :

180 display rotation :	False
CAN NodeID :	30

Library notes :

08-02-2023/SJS, Ver. 2013: XDi main software update to Qt v.3.06.1 and Capp software is updated to v.3.06.0, this version supports presentation of UK MER flag mark in surveyor menu in addition to the wheel marking, no other changes are made.

The default library settings can be changed using the startup wizard or via installation menu.
GENERAL FOR STANDARD DEIF LIBRARIES:
The default CANbus setup and Dimmer configuration are defined in the selected Product Profile (PP).
In all PP's CAN1 and CAN2 are default set active for CANopen and XDi-net communication.
The CANbus default setting can be changed from XDi installation menu and Dimmer setup can be changed from XDi user menu.
Default monitoring of supply voltage 1 is active, if redundant supply is used monitoring on supply voltage 2 should be activated.

12-07-2022/JOL, v2012: 4-20mA input lost (below 3.5mA) are added to all VS profiles where it is relevant.
New VS profile with Dual linear potentiometer input (default 0-10V) is added to all VI's.

22-12-2021/JOL, v2012: PP04 Colour shift now works as described without change via XDi menu.

07-09-2021/JOL, v2011: Small bug in VS04 for VI001 to VI008 is fixed. Bug: The analogue Azi setpoint input was generating
actual azimuth value and not the azi set-point value.

20-11-2020/JOL, v.2010: Azi pointer day/night issue fixed in VI001, 2, 5, 6, 13, 14, 17,18.

23-09-2020/JOL, v.2009: XDi input adjust menu for PDO Pitch%set is activated in VS02 in VI013 to VI020.

Product profiles (PP)

Default settings of product and system related parameters, as dimmer and CANbus settings are stored in a product profile.

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PP No.	PP Name	Description	Status	Notes
1	PP01 XDi-net	**Dim XDi-net/Front button** Dimmer via XDi-net (CAN) and/or via front buttons, Requires option: Front frame with buttons **Default settings:** XDi-net is active Dimmer group 1 Dimming via XDi-net Auto Day/Night Shift at 70% Monitoring supply voltage 1	🔒	CANbus and Dimmer settings can be changed from XDi menu
2	PP02 Analogue	**Analogue Dimmer** Required: AX1 in Slot 1 Dimmer potmeter (+ term 3, - term 1, wiper term 2) Can be reconfigured to voltage input **Default settings:** Dimmer group 1 Analogue Potmeter 0 to Vref (max. 30V) Auto Day/Night Shift at 70% Shared on XDi-net Monitoring supply voltage 1	🔒	An external ref. voltage >7.5V can be connected to Vref out overwriting the internal Vref. From the user menu, you can alternatively reconfigure the analogue dimmer input to a normal voltage input.
3	PP03 CAN	**CAN Dimmer** CANopen TPDO dimming **Default settings:** Dimmer group 1 Auto Day/Night Shift at 70% Monitoring supply voltage 1	🔒	DEIF default TPDO's are predefined and used in all standard libraries. The default TPDO's for dimmer group control can be changed to any TPDO or RPDO via user menu.
4	PP04 Digital	**Digital Dimmer** Required: DX1 in Slot 1 Digital input 1 up (+term 11,- term 10) Digital input 2 down (+term 8,- term 7) Simultaneous activation of IN1 and IN2 for Day/Night Shift **Default settings:** Dimmer group 1 Shared on XDi-net Monitoring supply voltage 1	🔒	Digital input configuration can be changed from menu.

PP No.	PP Name	Description	Status	Notes
5	PP05 Analogue	**Analogue Dimmer Local** Required: AX1 in Slot 1 Dimmer potmeter (+ term 3, - term 1, wiper term 2) Can be reconfigured to voltage input **Default settings:** Dimmer group: Local Analogue Potmeter 0 to Vref (max. 30V) Auto Day/Night Shift at 70% (Local - Not shared on XDi-net) Monitoring supply voltage 1		The dimmer group is ”Local” and the dimmer input will only affect this unit, dimmer level will not be shared on XDi-net.
6	PP06 Fixed	**ECR Fixed Dimmer** Dimmer level can be adjusted via front buttons. Option: Front frame with buttons can be used. To extend the backlight life fixed backlight should be below 90% **Default settings:** XDi-net active Dimmer group: Local Auto Day/Night Shift at 70% Monitoring supply voltage 1		Default fixed dimmer level is reduced to 75% to extend backlight life. Dimmer level and Day/Night colour can be changed from user menu.

Virtual Indicators (VI)

The VI contains the graphical layout of and indicator and defines all data types that are presented on the indicator.

Each VI has at least one VI-setup profile (VS) that defines the input types and default parameter settings.

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VI No.	Name	VI-setup profiles (VS)	Approvals	Status
001	AZI 1 FWD	7		
002	AZI 1 AFT	7		
003	AZI 2 FWD	7		
004	AZI 2 AFT	7		
005	AZI 3 FWD	7		
006	AZI 3 AFT	7		
007	AZI 4 FWD	7		
008	AZI 4 AFT	7		
009	Reserved 5	1		
010	Reserved 5	1		
011	Reserved 6	1		
012	Reserved 6	1		
013	AZI 7 FWD	9		
014	AZI 7 AFT	9		
015	AZI 8 FWD	9		
016	AZI 8 AFT	9		
017	AZI 9 FWD	9		
018	AZI 9 AFT	9		
019	AZI 10 FWD	9		

VI No.	Name	VI-setup profiles (VS)	Approvals	Status
020	AZI 10 AFT	9		
021	AZI 11 FWD	7		
022	AZI 11 AFT	7		
023	AZI 12 FWD	7		
024	AZI 12 AFT	7		
025	AZI 13 FWD	7		
026	AZI 13 AFT	7		
027	AZI 14 FWD	7		
028	AZI 14 AFT	7		

Approvals only apply for XDi 192.

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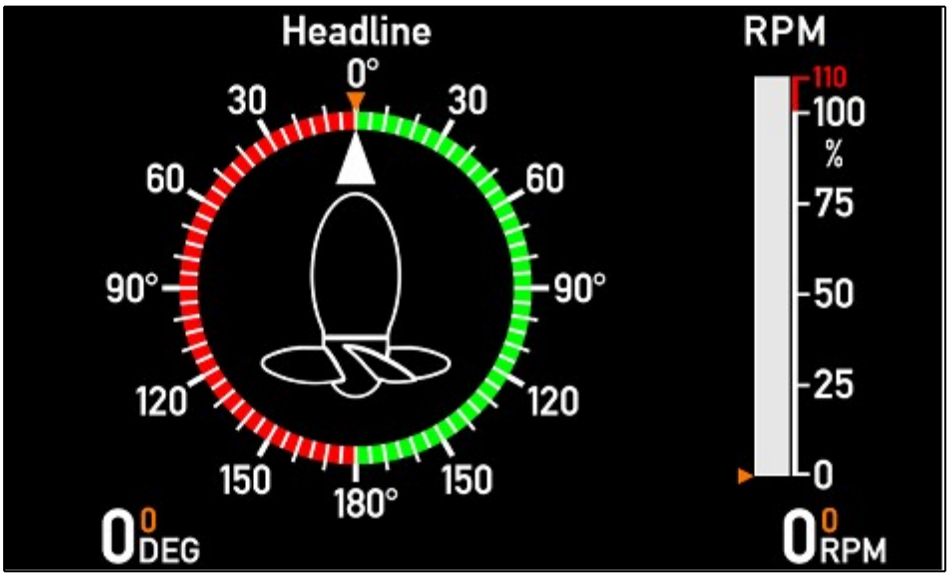
VI 001 **AZI 1 FWD**



Description : **AZI 1 Pushing FWD**

Azimuth ±180 deg. 0°up with digital readout
RPM 0...110%
Actual RPM Range 0-3000 with digital readout

All with set point

Status :

VI Notes :

VI-setup profiles (VS) for VI001

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**All input data via XDi-net** Azimuth: XDi-net Azimuth set-point: XDi-net RPM/RPM%: XDi-net RPM/RPM% set-point: XDi-net	🔒	The XDi-net profile is used when the indicator is a repeater, receiving data from other XDi units or from a CAN controller providing data in XDi-net format. Please note that TPDO's or RPDO's are not retransmitted in XDi-net format, but are used directly by all indicators (e.g. Angle transmitted CAN data), zero or scaling adjustments can be synchronized via XDi-net. Use VS02 if a combination of XDi-net and TPDO inputs (e.g. CAN encoder) are used.
2	VS02 TPDO	**All input data via TPDO** or XDi-net Azimuth: TPDO Azimuth set-point: TPDO RPM/RPM%: TPDO RPM/RPM% set-point: TPDO	🔒	TPDO COBID can be changed to any valid TPDO or RPDO COBID via the XDi installation menu. TPDO input can be scaled from menu. This profile can also be used for XDi-net input, if a combination of TPDO and XDi-net is used. TPDO input can be disabled to run pure XDi-net.
3	VS03 CAN/Analogue	**CAN/Analogue system** Required: AX1 in Slot 1 and 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA on all	🔒	COBID and input data scaling can be changed from the XDi installation menu. Analogue input type and scaling can be changes from XDi installation menu.

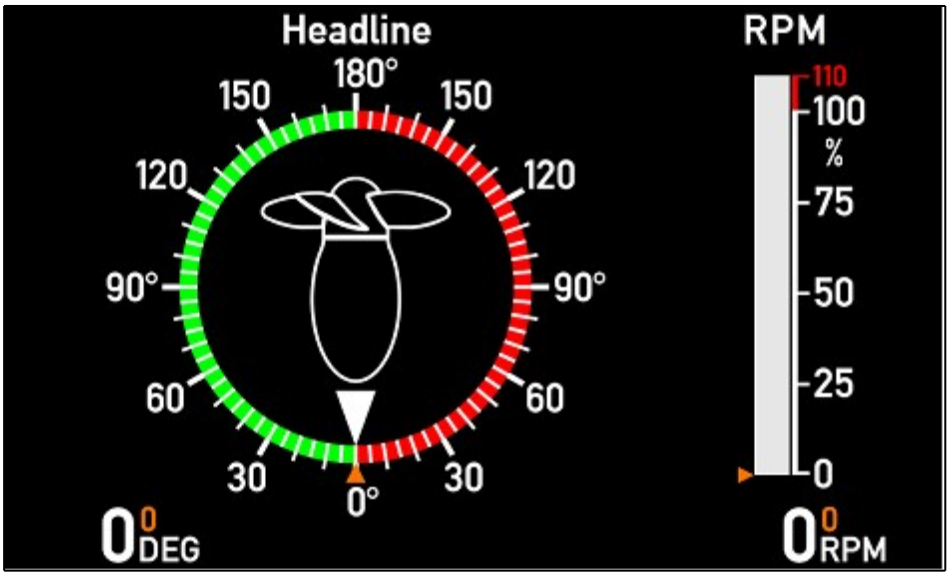
VI-setup profiles (VS) for VI001

VS No.	Name	Description	Status	Notes
4	VS04 Analogue	**Full Analogue system** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA on all	🔒	Analogue input type and scaling can be changes from XDi installation menu.
5	VS05 SIN/COS	**Analogue SIN/COS** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i1+2: ±10V SIN/COS (SIN term11, COS term7, GND term1) Azimuth set-point: AX1 S2i1: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2)	🔒	VS05 AZI– SIN/COS input SIN/COS input can be adjusted from menu and zero point can be changed. Analogue input type and scaling can be changes from XDi installation menu.
6	VS06 RTC/RPM	**RTC/RPM Pickup system** Required: AX1 in Slot 1, DX1 in Slot 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4) RPM/RPM%: DX1 S2i1: Signal (+term 11, -term10) RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA	🔒	The azimuth TPDO input can be adjusted or disabled (XDi-net only). COBID and input data scaling can be changed from the XDi installation menu or TPDO can be disabled allowing only XDi-net. Analogue input type and scaling can be changes from XDi installation menu. Digital RPM input scaling can be changes from XDi installation menu.

VI-setup profiles (VS) for VI001

VS No.	Name	Description	Status	Notes
7	VS07 2 x Lin.potm.	**Dual linear potmeter for azi.** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7, Potentiometer 0V to trm.1 AGND. Azimuth set-point: AX1 S2i1: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2)		Default Azi. settings: Azimuth: Voltage input (HV1,HV2): 0deg=(0V,5V), +90deg(SB)=(5V,0V), -90deg(PS)=(5V,10V),180deg=(10V,5V) Default settings can be changed via XDi menu. Analogue input type and scaling can be changes from XDi installation menu.

VI 002 **AZI 1 AFT**



Description : **AZI 1 Pushing AFT**

Azimuth ±180 deg. 0° down w/ digital readout
RPM 0...110%
Actual RPM Range 0-3000 with digital readout

All with set point

Status :

VI Notes :

VI-setup profiles (VS) for VI002

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**All input data via XDi-net** Azimuth: XDi-net Azimuth set-point: XDi-net RPM/RPM%: XDi-net RPM/RPM% set-point: XDi-net		The XDi-net profile is used when the indicator is a repeater, receiving data from other XDi units or from a CAN controller providing data in XDi-net format. Please note that TPDO's or RPDO's are not retransmitted in XDi-net format, but are used directly by all indicators (e.g. Angle transmitted CAN data), zero or scaling adjustments can be synchronized via XDi-net. Use VS02 if a combination of XDi-net and TPDO inputs (e.g. CAN encoder) are used.

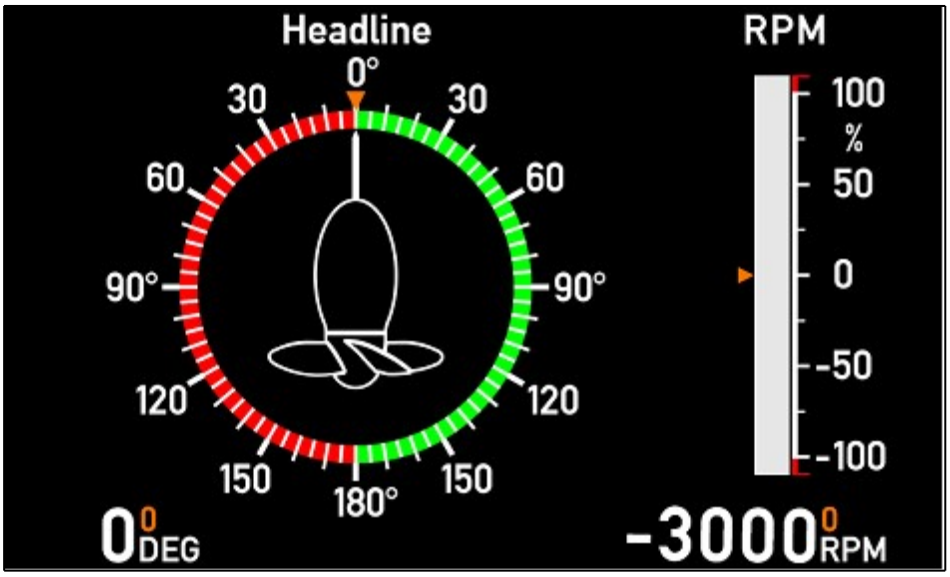
VI-setup profiles (VS) for VI002

VS No.	Name	Description	Status	Notes
2	VS02 TPDO	**All input data via TPDO** or XDi-net Azimuth: TPDO Azimuth set-point: TPDO RPM/RPM%: TPDO RPM/RPM% set-point: TPDO	🔒	TPDO COBID can be changed to any valid TPDO or RPDO COBID via the XDi installation menu. TPDO input can be scaled from menu. This profile can also be used for XDi-net input, if a combination of TPDO and XDi-net is used. TPDO input can be disabled to run pure XDi-net.
3	VS03 CAN/Analogue	**CAN/Analogue system** Required: AX1 in Slot 1 and 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA on all	🔒	COBID and input data scaling can be changed from the XDi installation menu. Analogue input type and scaling can be changes from XDi installation menu.
4	VS04 Analogue	**Full Analogue system** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA on all	🔒	Analogue input type and scaling can be changes from XDi installation menu.

VI-setup profiles (VS) for VI002

VS No.	Name	Description	Status	Notes
5	VS05 SIN/COS	**Analogue SIN/COS** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i1+2: ±10V SIN/COS (SIN term11, COS term7, GND term1) Azimuth set-point: AX1 S2i1: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2)	🔒	VS05 AZI– SIN/COS input SIN/COS input can be adjusted from menu and zero point can be changed. Analogue input type and scaling can be changes from XDi installation menu.
6	VS06 RTC/RPM	**RTC/RPM Pickup system** Required: AX1 in Slot 1, DX1 in Slot 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4) RPM/RPM%: DX1 S2i1: Signal (+term 11, -term10) RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA	🔒	The azimuth TPDO input can be adjusted or disabled (XDi-net only). COBID and input data scaling can be changed from the XDi installation menu or TPDO can be disabled allowing only XDi-net. Analogue input type and scaling can be changes from XDi installation menu. Digital RPM input scaling can be changes from XDi installation menu.
7	VS07 2 x Lin.potm.	**Dual linear potmeter for azi.** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7, Potentiometer 0V to trm.1 AGND. Azimuth set-point: AX1 S2i1: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2)	🔒	See similar VS profile for VI001

VI 003 **AZI 2 FWD**



Description : **AZI 2 Pushing FWD**

Azimuth ±180 deg. 0°up with digital readout
RPM ±110%
Actual RPM Range 0-3000 with digital readout

All with set point

Status :

VI Notes : Bar graph: Positive %RPM is green and negative is red.
Dynamic azimuth pointer: An arrow in the azimuth symbol indicates thrust direction.

VI-setup profiles (VS) for VI003

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**All input data via XDi-net** Azimuth: XDi-net Azimuth set-point: XDi-net RPM/RPM%: XDi-net RPM/RPM% set-point: XDi-net		See similar VS profile for VI001

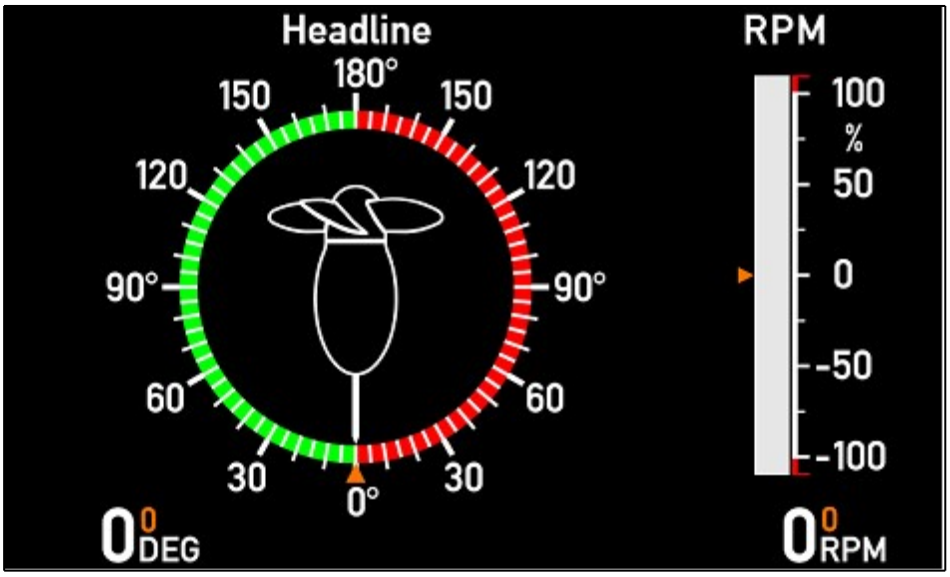
VI-setup profiles (VS) for VI003

VS No.	Name	Description	Status	Notes
2	VS02 TPDO	**All input data via TPDO** or XDi-net Azimuth: TPDO Azimuth set-point: TPDO RPM/RPM%: TPDO RPM/RPM% set-point: TPDO	🔒	See similar VS profile for VI001
3	VS03 CAN/Analogue	**CAN/Analogue system** Required: AX1 in Slot 1 and 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA on all	🔒	See similar VS profile for VI001
4	VS04 Analogue	**Full Analogue system** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA on all	🔒	See similar VS profile for VI001
5	VS05 SIN/COS	**Analogue SIN/COS** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i1+2: ±10V SIN/COS (SIN term11, COS term7, GND term1) Azimuth set-point: AX1 S2i1: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2)	🔒	See similar VS profile for VI001

VI-setup profiles (VS) for VI003

VS No.	Name	Description	Status	Notes
6	VS06 RTC/±RPM	**RTC/±RPM Pickup system** Required: AX1 in Slot 1, DX1 in Slot 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4) RPM/RPM%: DX1 S2i1: (+term11, -term10) S2i2: (+term8,- term7) RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA		See similar VS profile for VI001
7	VS07 2 x Lin.potm.	**Dual linear potmeter for azi.** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7, Potentiometer 0V to trm.1 AGND. Azimuth set-point: AX1 S2i1: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2)		See similar VS profile for VI001

VI 004 **AZI 2 AFT**



Description : **AZI 2 Pushing AFT**

Azimuth ±180 deg. 0° Down w/ digital readout
RPM ±110%
Actual RPM Range 0-3000 with digital readout

All with set point

Status :

VI Notes : Bar graph: Positive %RPM is green and negative is red.
Dynamic azimuth pointer: An arrow in the azimuth symbol indicates thrust direction.

VI-setup profiles (VS) for VI004

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**All input data via XDi-net** Azimuth: XDi-net Azimuth set-point: XDi-net RPM/RPM%: XDi-net RPM/RPM% set-point: XDi-net		See similar VS profile for VI001

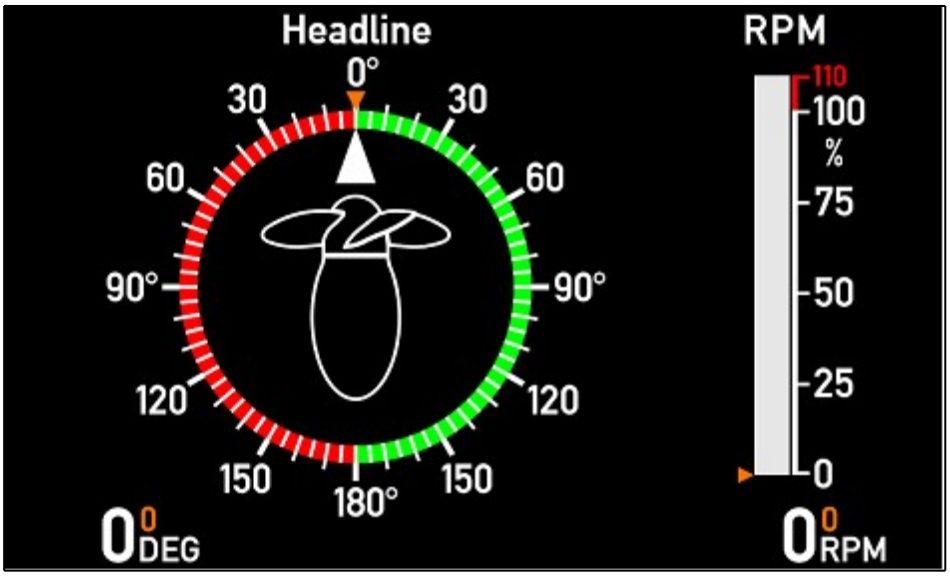
VI-setup profiles (VS) for VI004

VS No.	Name	Description	Status	Notes
2	VS02 TPDO	**All input data via TPDO** or XDi-net Azimuth: TPDO Azimuth set-point: TPDO RPM/RPM%: TPDO RPM/RPM% set-point: TPDO	🔒	See similar VS profile for VI001
3	VS03 CAN/Analogue	**CAN/Analogue system** Required: AX1 in Slot 1 and 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA on all	🔒	See similar VS profile for VI001
4	VS04 Analogue	**Full Analogue system** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA on all	🔒	See similar VS profile for VI001
5	VS05 SIN/COS	**Analogue SIN/COS** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i1+2: ±10V SIN/COS (SIN term11, COS term7, GND term1) Azimuth set-point: AX1 S2i1: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2)	🔒	See similar VS profile for VI001

VI-setup profiles (VS) for VI004

VS No.	Name	Description	Status	Notes
6	VS06 RTC/±RPM	**RTC/±RPM Pickup system** Required: AX1 in Slot 1, DX1 in Slot 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4) RPM/RPM%: DX1 S2i1: (+term11, -term10) S2i2: (+term8,- term7) RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA		See similar VS profile for VI001
7	VS07 2 x Lin.potm.	**Dual linear potmeter for azi.** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7, Potentiometer 0V to trm.1 AGND. Azimuth set-point: AX1 S2i1: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2)		See similar VS profile for VI001

VI 005 **AZI 3 FWD**



Description : **AZI 3 Pulling FWD**

Azipull ±180 deg. 0°up with digital readout
RPM 0...110%
Actual RPM Range 0-3000 with digital readout

All with set point

Status :

VI Notes :

VI-setup profiles (VS) for VI005

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**All input data via XDi-net** Azimuth: XDi-net Azimuth set-point: XDi-net RPM/RPM%: XDi-net RPM/RPM% set-point: XDi-net		See similar VS profile for VI001

VI-setup profiles (VS) for VI005

VS No.	Name	Description	Status	Notes
2	VS02 TPDO	**All input data via TPDO** or XDi-net Azimuth: TPDO Azimuth set-point: TPDO RPM/RPM%: TPDO RPM/RPM% set-point: TPDO	🔒	See similar VS profile for VI001
3	VS03 CAN/Analogue	**CAN/Analogue system** Required: AX1 in Slot 1 and 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA on all	🔒	See similar VS profile for VI001
4	VS04 Analogue	**Full Analogue system** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA on all	🔒	See similar VS profile for VI001

VI-setup profiles (VS) for VI005

VS No.	Name	Description	Status	Notes
5	VS05 SIN/COS	**Analogue SIN/COS** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i1+2: ±10V SIN/COS (SIN term11, COS term7, GND term1) Azimuth set-point: AX1 S2i1: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2)	🔒	See similar VS profile for VI001
6	VS06 RTC/RPM	**RTC/RPM Pickup system** Required: AX1 in Slot 1, DX1 in Slot 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4) RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA RPM/RPM%: DX1 S2i1: Signal (+term 11, -term10)	🔒	See similar VS profile for VI001
7	VS07 2 x Lin.potm.	**Dual linear potmeter for azi.** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7, Potentiometer 0V to trm.1 AGND. Azimuth set-point: AX1 S2i1: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2)	🔒	See similar VS profile for VI001

VI 006 **AZI 3 AFT**

Description : **AZI 3 Pulling AFT**

Azipull ±180 deg. 0° down with digital readout
RPM 0...110%
Actual RPM Range 0-3000 with digital readout

All with set point

Status :

VI Notes :

VI-setup profiles (VS) for VI006

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**All input data via XDi-net** Azimuth: XDi-net Azimuth set-point: XDi-net RPM/RPM%: XDi-net RPM/RPM% set-point: XDi-net		See similar VS profile for VI001

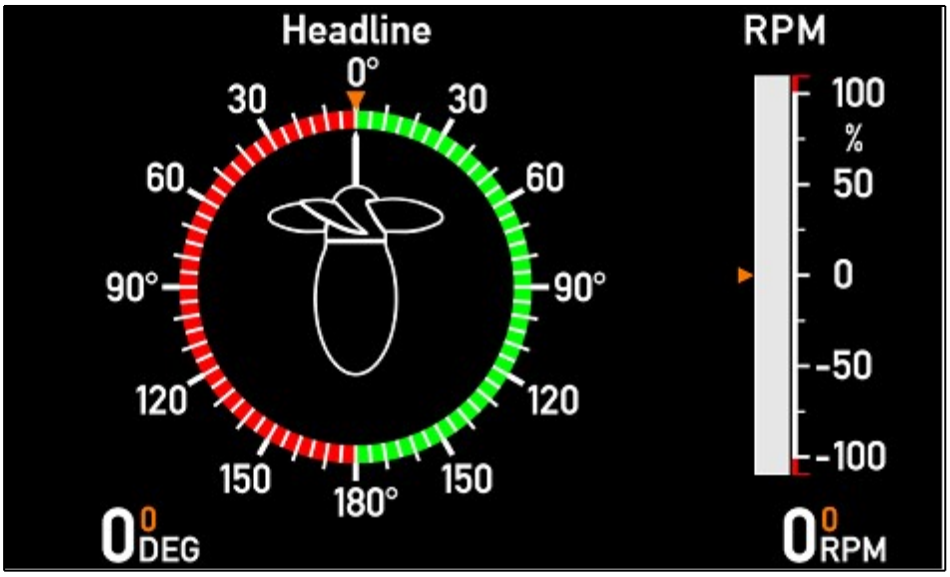
VI-setup profiles (VS) for VI006

VS No.	Name	Description	Status	Notes
2	VS02 TPDO	**All input data via TPDO** or XDi-net Azimuth: TPDO Azimuth set-point: TPDO RPM/RPM%: TPDO RPM/RPM% set-point: TPDO	🔒	See similar VS profile for VI001
3	VS03 CAN/Analogue	**CAN/Analogue system** Required: AX1 in Slot 1 and 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA on all	🔒	See similar VS profile for VI001
4	VS04 Analogue	**Full Analogue system** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA on all	🔒	See similar VS profile for VI001

VI-setup profiles (VS) for VI006

VS No.	Name	Description	Status	Notes
5	VS05 SIN/COS	**Analogue SIN/COS** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i1+2: ±10V SIN/COS (SIN term11, COS term7, GND term1) Azimuth set-point: AX1 S2i1: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2)	🔒	See similar VS profile for VI001
6	VS06 RTC/RPM	**RTC/RPM Pickup system** Required: AX1 in Slot 1, DX1 in Slot 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4) RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA RPM/RPM%: DX1 S2i1: Signal (+term 11, -term10)	🔒	See similar VS profile for VI001
7	VS07 2 x Lin.potm.	**Dual linear potmeter for azi.** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7, Potentiometer 0V to trm.1 AGND. Azimuth set-point: AX1 S2i1: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2)	🔒	See similar VS profile for VI001

VI 007 **AZI 4 FWD**



Description : **AZI 4 Pulling FWD**

Azipull ±180 deg. 0°up with digital readout
RPM ±110%
Actual RPM Range 0-3000 with digital readout

All with set point

Status :

VI Notes : Bar graph: Positive %RPM is green and negative is red.
Dynamic azimuth pointer: An arrow in the azimuth symbol indicates thrust direction.

VI-setup profiles (VS) for VI007

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**All input data via XDi-net** Azimuth: XDi-net Azimuth set-point: XDi-net RPM/RPM%: XDi-net RPM/RPM% set-point: XDi-net		See similar VS profile for VI001

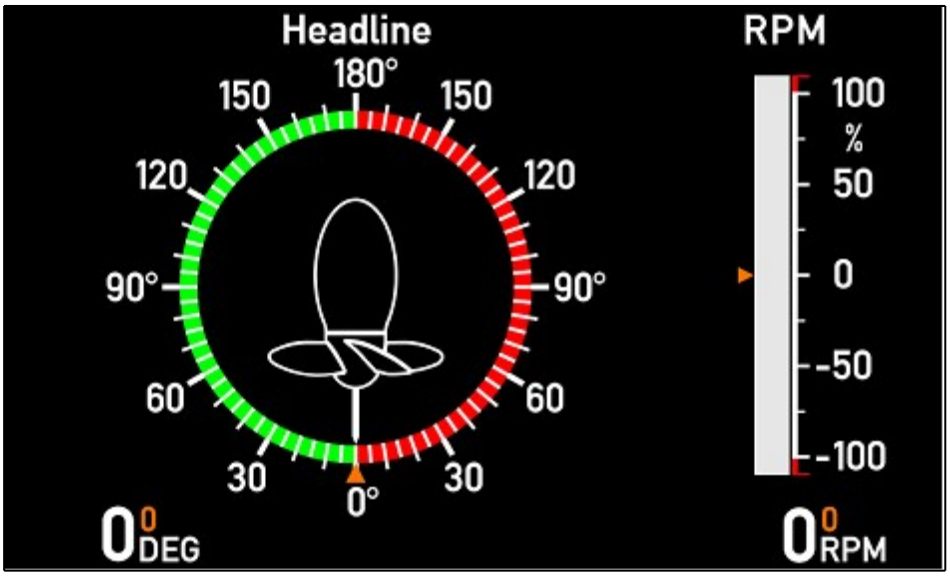
VI-setup profiles (VS) for VI007

VS No.	Name	Description	Status	Notes
2	VS02 TPDO	**All input data via TPDO** or XDi-net Azimuth: TPDO Azimuth set-point: TPDO RPM/RPM%: TPDO RPM/RPM% set-point: TPDO	🔒	See similar VS profile for VI001
3	VS03 CAN/Analogue	**CAN/Analogue system** Required: AX1 in Slot 1 and 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA on all	🔒	See similar VS profile for VI001
4	VS04 Analogue	**Full Analogue system** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA on all	🔒	See similar VS profile for VI001

VI-setup profiles (VS) for VI007

VS No.	Name	Description	Status	Notes
5	VS05 SIN/COS	**Analogue SIN/COS** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i1+2: ±10V SIN/COS (SIN term11, COS term7, GND term1) Azimuth set-point: AX1 S2i1: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2)	🔒	See similar VS profile for VI001
6	VS06 RTC/±RPM	**RTC/±RPM Pickup system** Required: AX1 in Slot 1, DX1 in Slot 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4) RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA RPM/RPM%: DX1 S2i1: (+term11, -term10) S2i2: (+term8,- term7)	🔒	See similar VS profile for VI001
7	VS07 2 x Lin.potm.	**Dual linear potmeter for azi.** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7, Potentiometer 0V to trm.1 AGND. Azimuth set-point: AX1 S2i1: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2)	🔒	See similar VS profile for VI001

VI 008 **AZI 4 AFT**



Description : **AZI 4 Pulling AFT**

Azipull ±180 deg. 0° Down with digital readout
RPM ±110%
Actual RPM Range 0-3000 with digital readout

All with set point

Status :

VI Notes : Bar graph: Positive %RPM is green and negative is red.
Dynamic azimuth pointer: An arrow in the azimuth symbol indicates thrust direction.

VI-setup profiles (VS) for VI008

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**All input data via XDi-net** Azimuth: XDi-net Azimuth set-point: XDi-net RPM/RPM%: XDi-net RPM/RPM% set-point: XDi-net		See similar VS profile for VI001

VI-setup profiles (VS) for VI008

VS No.	Name	Description	Status	Notes
2	VS02 TPDO	**All input data via TPDO** or XDi-net Azimuth: TPDO Azimuth set-point: TPDO RPM/RPM%: TPDO RPM/RPM% set-point: TPDO	🔒	See similar VS profile for VI001
3	VS03 CAN/Analogue	**CAN/Analogue system** Required: AX1 in Slot 1 and 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA on all	🔒	See similar VS profile for VI001
4	VS04 Analogue	**Full Analogue system** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA on all	🔒	See similar VS profile for VI001

VI-setup profiles (VS) for VI008

VS No.	Name	Description	Status	Notes
5	VS05 SIN/COS	**Analogue SIN/COS** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i1+2: ±10V SIN/COS (SIN term11, COS term7, GND term1) Azimuth set-point: AX1 S2i1: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2)	🔒	See similar VS profile for VI001
6	VS06 RTC/±RPM	**RTC/±RPM Pickup system** Required: AX1 in Slot 1, DX1 in Slot 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4) RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA RPM/RPM%: DX1 S2i1: (+term11, -term10) S2i2: (+term8,- term7)	🔒	See similar VS profile for VI001
7	VS07 2 x Lin.potm.	**Dual linear potmeter for azi.** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7, Potentiometer 0V to trm.1 AGND. Azimuth set-point: AX1 S2i1: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2)	🔒	See similar VS profile for VI001

VI 009 **Reserved 5**

Description : **Reserved**

Reserved for future use

Status :

VI Notes :

VI-setup profiles (VS) for VI009

VS No.	Name	Description	Status	Notes
1	Setup	**Setup** Add description Add description.		

VI 010 **Reserved 5**

Description : **Reserved**

Reserved for future use

Status :

VI Notes :

VI-setup profiles (VS) for VI010

VS No.	Name	Description	Status	Notes
1	Setup	**Setup** Add description Add description.		

VI 011 **Reserved 6**

Description : **Reserved**

Reserved for future use

Status :

VI Notes :

VI-setup profiles (VS) for VI011

VS No.	Name	Description	Status	Notes
1	Setup	**Setup** Add description Add description.		

VI 012 **Reserved 6**

Description : **Reserved**

Reserved for future use

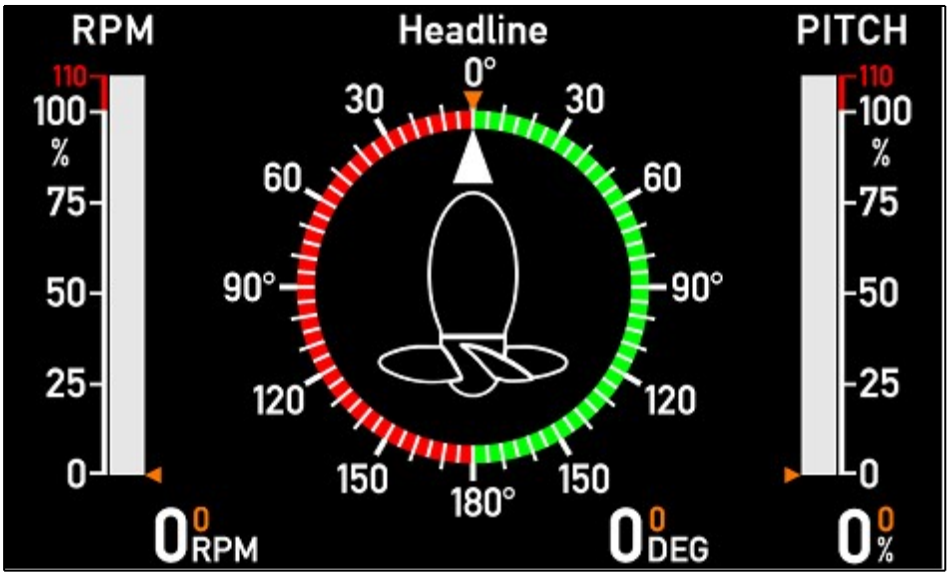
Status :

VI Notes :

VI-setup profiles (VS) for VI012

VS No.	Name	Description	Status	Notes
1	Setup	**Setup** Add description Add description.		

VI 013 **AZI 7 FWD**



Description : **AZI 7 Pushing FWD**

Azimuth ±180 deg. 0°up with digital readout
RPM 0...110%
Actual RPM Range 0-3000 with digital readout
Pitch 0..110% with 0...200% digital readout

All with set point

Status :

VI Notes :

VI-setup profiles (VS) for VI013

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**All input data via XDi-net** Azimuth: XDi-net Azimuth set-point: XDi-net RPM/RPM%: XDi-net RPM/RPM% set-point: XDi-net Pitch%: XDi-net Pitch% set-point: XDi-net	🔒	The XDi-net profile is used when the indicator is a repeater, receiving data from other XDi units or from a CAN controller providing data in XDi-net format. Please note that TPDO's or RPDO's are not retransmitted in XDi-net format, but are used directly by all indicators (e.g. Angle transmitted CAN data), zero or scaling adjustments can be synchronized via XDi-net. Use VS02 if a combination of XDi-net and TPDO inputs (e.g. CAN encoder) are used.
2	VS02 TPDO	**All input data via TPDO** or XDi-net Azimuth: TPDO Azimuth set-point: TPDO RPM/RPM%: TPDO RPM/RPM% set-point: TPDO Pitch%: TPDO Pitch% set-point: TPDO	🔒	TPDO COBID can be changed to any valid TPDO or RPDO COBID via the XDi installation menu. TPDO input can be scaled from menu. This profile can also be used for XDi-net input, if a combination of TPDO and XDi-net is used. TPDO input can be disabled to run pure XDi-net.
3	VS03 CAN/Analog no.1	**XDi Pair VS3 + VS4** Required: AX1 in Slot 1 and 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S2i1: 4-20mA (+term9, -term8) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: AX1 S2i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA on all	🔒	COBID and input data scaling can be changed from the XDi installation menu. Analogue input type and scaling can be changes from XDi installation menu. This profile can be used in combination whit VS04 in another XDi to get all input needed.

VI-setup profiles (VS) for VI013

VS No.	Name	Description	Status	Notes
4	VS04 CAN/Analog no.2	**XDi Pair VS3 + VS4** Required: AX1 in Slot 1 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: TPDO/(XDi-net) RPM/RPM%: TPDO/(XDi-net) RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8) Input lost below 3.5mA Pitch%: TPDO/(XDi-net) Pitch% set-point: TPDO/(XDi-net)		This profile can be used to share RPM/RPM% set-point data from analogue input. Analogue input type and scaling can be changes from XDi installation menu.
5	VS05 Analogue system	**Analogue system** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S2i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i1: 4-20mA (+term9, -term8) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net) AX1 input lost below 3.5mA on all		See similar VS profile for VI013
6	VS06 SIN/COS	**Analogue SIN/COS** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S2i1+2: 10V SIN/COS (SIN term11, COS term7, GND term1) Azimuth set-point: AX1 S2i3: 0-10V (+term2) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net) AX1 input lost below 3.5mA		See similar VS profile for VI013

VI-setup profiles (VS) for VI013

VS No.	Name	Description	Status	Notes
7	VS07 RTC/+RPM Pickup	**RTC/+RPM Pickup system** Required: AX1 in Slot 1, DX1 in Slot 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM%: DX1 S2i1: Signal (+term11, - term10) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: CAN TPDO (XDi-net) AX1 input lost below 3.5mA		See similar VS profile for VI013
8	VS08 CAN/Analog set	**Used with VS05, 06, 07 or 09** Required: AX1 in Slot 1 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: TPDO/(XDi-net) RPM/RPM%: TPDO/(XDi-net) RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8) Pitch%: TPDO/(XDi-net) Pitch% set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA		This profile can be used to provide RPM/RPM% and Pitch% setpoint data to other XDi's in a CAN system where the main XDi indicator provides the rest of the data. COBID and input data scaling can be changed from the XDi installation menu, if only XDi-net are used TPDO can be disabled from menu. Analogue input type and scaling can be changed form XDi installation menu.
9	VS09 2 x Lin.potm.	**Dual linear potmeter for azi.** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S2i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7,-trm.4) Potentiometer 0V to trm.1 AGND. Azimuth set-point: AX1 S2i3: 0-10V (+term2) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net) AX1 input lost below 3.5mA		Default Azi. settings: Azimuth: Voltage input (HV1,HV2): 0deg=(0V,5V), +90deg(SB)=(5V,0V), -90deg(PS)=(5V,10V),180deg=(10V,5V) Default settings can be changed via XDi menu. Analogue input type and scaling can be changes from XDi installation menu. RPM and Pitch Set-point data can be received form an XDi using VS08

VI 014 **AZI 7 AFT**

Description : **AZI 7 Pushing AFT**

Azimuth ±180 deg. 0°Down w/ digital readout
RPM 0...110%
Actual RPM Range 0-3000 with digital readout
Pitch 0..110% with 0...200% digital readout

All with set point

Status :

VI Notes :

VI-setup profiles (VS) for VI014

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**All input data via XDi-net** Azimuth: XDi-net Azimuth set-point: XDi-net RPM/RPM%: XDi-net RPM/RPM% set-point: XDi-net Pitch%: XDi-net Pitch% set-point: XDi-net	🔒	The XDi-net profile is used when the indicator is a repeater, receiving data from other XDi units or from a CAN controller providing data in XDi-net format. Please note that TPDO's or RPDO's are not retransmitted in XDi-net format, but are used directly by all indicators (e.g. Angle transmitted CAN data), zero or scaling adjustments can be synchronized via XDi-net. Use VS02 if a combination of XDi-net and TPDO inputs (e.g. CAN encoder) are used.
2	VS02 TPDO	**All input data via TPDO** or XDi-net Azimuth: TPDO Azimuth set-point: TPDO RPM/RPM%: TPDO RPM/RPM% set-point: TPDO Pitch%: TPDO Pitch% set-point: TPDO	🔒	TPDO COBID can be changed to any valid TPDO or RPDO COBID via the XDi installation menu. TPDO input can be scaled from menu. This profile can also be used for XDi-net input, if a combination of TPDO and XDi-net is used. TPDO input can be disabled to run pure XDi-net.
3	VS03 CAN/Analog no.1	**XDi Pair VS3 + VS4** Required: AX1 in Slot 1 and 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S2i1: 4-20mA (+term9, -term8) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: AX1 S2i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA on all	🔒	COBID and input data scaling can be changed from the XDi installation menu. Analogue input type and scaling can be changes from XDi installation menu. This profile can be used in combination whit VS04 in another XDi to get all input needed.

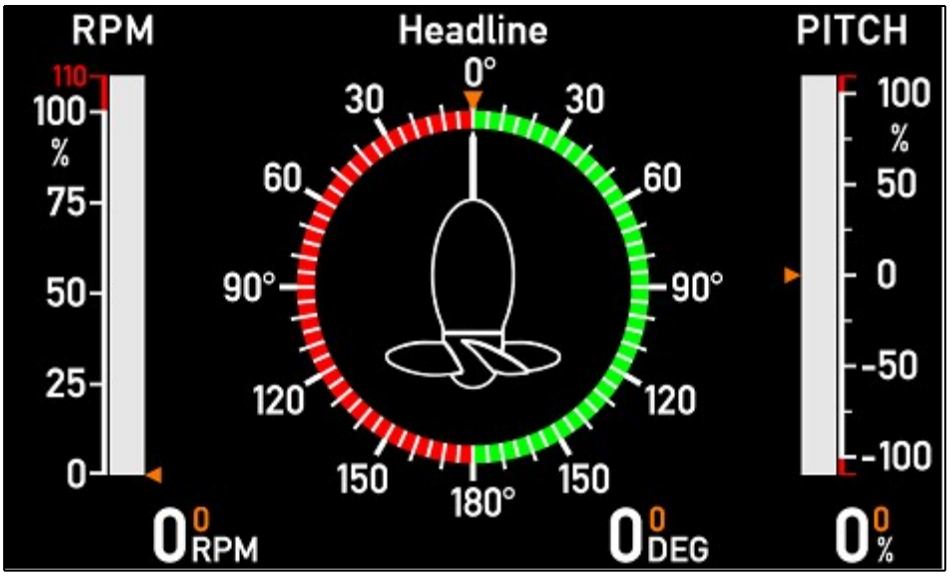
VI-setup profiles (VS) for VI014

VS No.	Name	Description	Status	Notes
4	VS04 CAN/Analog no.2	**XDi Pair VS3 + VS4** Required: AX1 in Slot 1 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: TPDO/(XDi-net) RPM/RPM%: TPDO/(XDi-net) RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8) Input lost below 3.5mA Pitch%: TPDO/(XDi-net) Pitch% set-point: TPDO/(XDi-net)		This profile can be used to share RPM/RPM% set-point data from analogue input. Analogue input type and scaling can be changes from XDi installation menu.
5	VS05 Analogue system	**Analogue system** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S2i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i1: 4-20mA (+term9, -term8) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net) AX1 input lost below 3.5mA on all		See similar VS profile for VI013
6	VS06 SIN/COS	**Analogue SIN/COS** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S2i1+2: 10V SIN/COS (SIN term11, COS term7, GND term1) Azimuth set-point: AX1 S2i3: 0-10V (+term2) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net) AX1 input lost below 3.5mA		See similar VS profile for VI013

VI-setup profiles (VS) for VI014

VS No.	Name	Description	Status	Notes
7	VS07 RTC/+RPM Pickup	**RTC/+RPM Pickup system** Required: AX1 in Slot 1, DX1 in Slot 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM%: DX1 S2i1: Signal (+term11, - term10) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: CAN TPDO (XDi-net) AX1 input lost below 3.5mA		See similar VS profile for VI013
8	VS08 CAN/Analog set	**Used with VS05, 06, 07 or 09** Required: AX1 in Slot 1 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: TPDO/(XDi-net) RPM/RPM%: TPDO/(XDi-net) RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8) Pitch%: TPDO/(XDi-net) Pitch% set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA		This profile can be used to provide RPM/RPM% and Pitch% setpoint data to other XDi's in a CAN system where the main XDi indicator provides the rest of the data. COBID and input data scaling can be changed from the XDi installation menu, if only XDi-net are used TPDO can be disabled from menu. Analogue input type and scaling can be changed form XDi installation menu.
9	VS09 2 x Lin.potm.	**Dual linear potmeter for azi.** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S2i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7, Potentiometer 0V to trm.1 AGND. Azimuth set-point: AX1 S2i3: 0-10V (+term2) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net) AX1 input lost below 3.5mA		Default Azi. settings: Azimuth: Voltage input (HV1,HV2): 0deg=(0V,5V), +90deg(SB)=(5V,0V), -90deg(PS)=(5V,10V),180deg=(10V,5V) Default settings can be changed via XDi menu. Analogue input type and scaling can be changes from XDi installation menu. RPM and Pitch Set-point data can be received form an XDi using VS08

VI 015 **AZI 8 FWD**



Description : **AZI 7 Pushing FWD**

Azimuth ±180 deg. 0°up with digital readout
RPM 0...110%
Actual RPM Range 0-3000 with digital readout
Pitch ±110% with ±200% digital readout

All with set point

Status :

VI Notes : Bar graph: Positive %Pitch is green and negative is red.
Dynamic azimuth pointer: An arrow in the azimuth symbol indicates thrust direction.

VI-setup profiles (VS) for VI015

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**All input data via XDi-net** Azimuth: XDi-net Azimuth set-point: XDi-net RPM/RPM%: XDi-net RPM/RPM% set-point: XDi-net Pitch%: XDi-net Pitch% set-point: XDi-net		See similar VS profile for VI013

VI-setup profiles (VS) for VI015

VS No.	Name	Description	Status	Notes
2	VS02 TPDO	**All input data via TPDO** or XDi-net Azimuth: TPDO Azimuth set-point: TPDO RPM/RPM%: TPDO RPM/RPM% set-point: TPDO Pitch%: TPDO Pitch% set-point: TPDO	🔒	
3	VS03 CAN/Analog no.1	**XDi Pair VS3 + VS4** Required: AX1 in Slot 1 and 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S2i1: 4-20mA (+term9, -term8) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: AX1 S2i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA on all	🔒	See similar VS profile for VI013
4	VS04 CAN/Analog no.2	**XDi Pair VS3 + VS4** Required: AX1 in Slot 1 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: TPDO/(XDi-net) RPM/RPM%: TPDO/(XDi-net) RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8) Input lost below 3.5mA Pitch%: TPDO/(XDi-net) Pitch% set-point: TPDO/(XDi-net)	🔒	See similar VS profile for VI013

VI-setup profiles (VS) for VI015

VS No.	Name	Description	Status	Notes
5	VS05 Analogue system	**Analogue system** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S2i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i1: 4-20mA (+term9, -term8) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net) AX1 input lost below 3.5mA on all		See similar VS profile for VI013
6	VS06 SIN/COS	**Analogue SIN/COS** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S2i1+2: 10V SIN/COS (SIN term11, COS term7, GND term1) Azimuth set-point: AX1 S2i3: 0-10V (+term2) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net) AX1 S1 input lost below 3.5mA		See similar VS profile for VI013
7	VS07 RTC/+RPM Pickup	**RTC/+RPM Pickup system** Required: AX1 in Slot 1, DX1 in Slot 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM%: DX1 S2i1: Signal (+term11, - term10) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: CAN TPDO (RTC)/(XDi-net) AX1 S1 input lost below 3.5mA		See similar VS profile for VI013

VI-setup profiles (VS) for VI015

VS No.	Name	Description	Status	Notes
8	VS08 CAN/Analog set	**Used with VS05, 06, 07 or 09** Required: AX1 in Slot 1 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: TPDO/(XDi-net) RPM/RPM%: TPDO/(XDi-net) RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8) Pitch%: TPDO/(XDi-net) Pitch% set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 S1 input lost below 3.5mA		See similar VS profile for VI013
9	VS09 2 x Lin.potm.	**Dual linear potmeter for azi.** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S2i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7, Potentiometer 0V to trm.1 AGND. Azimuth set-point: AX1 S2i3: 0-10V (+term2) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net) AX1 S1 input lost below 3.5mA		See similar VS profile for VI013

VI 016 **AZI 8 AFT**

Description : **AZI 7 Pushing AFT**

Azimuth ±180 deg. 0°Down w/ digital readout
RPM 0...110%
Actual RPM Range 0-3000 with digital readout
Pitch ±110% with ±200% digital readout

All with set point

Status :

VI Notes : Bar graph: Positive %Pitch is green and negative is red.
Dynamic azimuth pointer: An arrow in the azimuth symbol indicates thrust direction.

VI-setup profiles (VS) for VI016

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**All input data via XDi-net** Azimuth: XDi-net Azimuth set-point: XDi-net RPM/RPM%: XDi-net RPM/RPM% set-point: XDi-net Pitch%: XDi-net Pitch% set-point: XDi-net		See similar VS profile for VI013

VI-setup profiles (VS) for VI016

VS No.	Name	Description	Status	Notes
2	VS02 TPDO	**All input data via TPDO** or XDi-net Azimuth: TPDO Azimuth set-point: TPDO RPM/RPM%: TPDO RPM/RPM% set-point: TPDO Pitch%: TPDO Pitch% set-point: TPDO	🔒	
3	VS03 CAN/Analog no.1	**XDi Pair VS3 + VS4** Required: AX1 in Slot 1 and 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S2i1: 4-20mA (+term9, -term8) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: AX1 S2i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA on all	🔒	See similar VS profile for VI013
4	VS04 CAN/Analog no.2	**XDi Pair VS3 + VS4** Required: AX1 in Slot 1 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: TPDO/(XDi-net) RPM/RPM%: TPDO/(XDi-net) RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8) Input lost below 3.5mA Pitch%: TPDO/(XDi-net) Pitch% set-point: TPDO/(XDi-net)	🔒	See similar VS profile for VI013

VI-setup profiles (VS) for VI016

VS No.	Name	Description	Status	Notes
5	VS05 Analogue system	**Analogue system** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S2i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i1: 4-20mA (+term9, -term8) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net) AX1 input lost below 3.5mA on all		See similar VS profile for VI013
6	VS06 SIN/COS	**Analogue SIN/COS** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S2i1+2: 10V SIN/COS (SIN term11, COS term7, GND term1) Azimuth set-point: AX1 S2i3: 0-10V (+term2) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net) AX1 S1 input lost below 3.5mA		See similar VS profile for VI013
7	VS07 RTC/+RPM Pickup	**RTC/+RPM Pickup system** Required: AX1 in Slot 1, DX1 in Slot 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM%: DX1 S2i1: Signal (+term11, - term10) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: CAN TPDO (RTC)/(XDi-net) AX1 S1 input lost below 3.5mA		See similar VS profile for VI013

VI-setup profiles (VS) for VI016

VS No.	Name	Description	Status	Notes
8	VS08 CAN/Analog set	**Used with VS05, 06, 07 or 09** Required: AX1 in Slot 1 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: TPDO/(XDi-net) RPM/RPM%: TPDO/(XDi-net) RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8) Pitch%: TPDO/(XDi-net) Pitch% set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 S1 input lost below 3.5mA		See similar VS profile for VI013
9	VS09 2 x Lin.potm.	**Dual linear potmeter for azi.** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S2i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7, Potentiometer 0V to trm.1 AGND. Azimuth set-point: AX1 S2i3: 0-10V (+term2) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net) AX1 S1 input lost below 3.5mA		See similar VS profile for VI013

VI 017 **AZI 9 FWD**

Description : **AZI 9 Pulling FWD**

Azimuth ±180 deg. 0°up with digital readout
RPM 0...110%
Actual RPM Range 0-3000 with digital readout
Pitch 0..110% with 0...200% digital readout

All with set point

Status :

VI Notes :

VI-setup profiles (VS) for VI017

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**All input data via XDi-net** Azimuth: XDi-net Azimuth set-point: XDi-net RPM/RPM%: XDi-net RPM/RPM% set-point: XDi-net Pitch%: XDi-net Pitch% set-point: XDi-net		See similar VS profile for VI013

VI-setup profiles (VS) for VI017

VS No.	Name	Description	Status	Notes
2	VS02 TPDO	**All input data via TPDO** or XDI-net Azimuth: TPDO Azimuth set-point: TPDO RPM/RPM%: TPDO RPM/RPM% set-point: TPDO Pitch%: TPDO Pitch% set-point: TPDO	🔒	See similar VS profile for VI013
3	VS03 CAN/Analog no.1	**XDi Pair VS3 + VS4** Required: AX1 in Slot 1 and 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S2i1: 4-20mA (+term9, -term8) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: AX1 S2i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA on all	🔒	See similar VS profile for VI013
4	VS04 CAN/Analog no.2	**XDi Pair VS3 + VS4** Required: AX1 in Slot 1 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: TPDO/(XDi-net) RPM/RPM%: TPDO/(XDi-net) RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8) Input lost below 3.5mA Pitch%: TPDO/(XDi-net) Pitch% set-point: TPDO/(XDi-net)	🔒	See similar VS profile for VI013

VI-setup profiles (VS) for VI017

VS No.	Name	Description	Status	Notes
5	VS05 Analogue system	**Analogue system** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S2i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i1: 4-20mA (+term9, -term8) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net) AX1 input lost below 3.5mA on all		See similar VS profile for VI013
6	VS06 SIN/COS	**Analogue SIN/COS** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S2i1+2: 10V SIN/COS (SIN term11, COS term7, GND term1) Azimuth set-point: AX1 S2i3: 0-10V (+term2) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net) AX1 S1 input lost below 3.5mA		See similar VS profile for VI013
7	VS07 RTC/+RPM Pickup	**RTC/+RPM Pickup system** Required: AX1 in Slot 1, DX1 in Slot 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM%: DX1 S2i1: Signal (+term11, - term10) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: CAN TPDO (RTC)/(XDi-net) AX1 S1 input lost below 3.5mA		See similar VS profile for VI013

VI-setup profiles (VS) for VI017

VS No.	Name	Description	Status	Notes
8	VS08 CAN/Analog set	**Used with VS05, 06, 07 or 09** Required: AX1 in Slot 1 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: TPDO/(XDi-net) RPM/RPM%: TPDO/(XDi-net) RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8) Pitch%: TPDO/(XDi-net) Pitch% set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 S1 input lost below 3.5mA		See similar VS profile for VI013
9	VS09 2 x Lin.potm.	**Dual linear potmeter for azi.** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S2i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7, Potentiometer 0V to trm.1 AGND. Azimuth set-point: AX1 S2i3: 0-10V (+term2) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net) AX1 S1 input lost below 3.5mA		See similar VS profile for VI013

VI 018 **AZI 9 AFT**

Description : **AZI 9 Pulling AFT**

Azimuth ±180 deg. 0°Down w/ digital readout
RPM 0...110%
Actual RPM Range 0-3000 with digital readout
Pitch 0..110% with 0...200% digital readout

All with set point

Status :

VI Notes :

VI-setup profiles (VS) for VI018

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**All input data via XDi-net** Azimuth: XDi-net Azimuth set-point: XDi-net RPM/RPM%: XDi-net RPM/RPM% set-point: XDi-net Pitch%: XDi-net Pitch% set-point: XDi-net		See similar VS profile for VI013

VI-setup profiles (VS) for VI018

VS No.	Name	Description	Status	Notes
2	VS02 TPDO	**All input data via TPDO** or XDI-net Azimuth: TPDO Azimuth set-point: TPDO RPM/RPM%: TPDO RPM/RPM% set-point: TPDO Pitch%: TPDO Pitch% set-point: TPDO	🔒	See similar VS profile for VI013
3	VS03 CAN/Analog no.1	**XDi Pair VS3 + VS4** Required: AX1 in Slot 1 and 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S2i1: 4-20mA (+term9, -term8) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: AX1 S2i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA on all	🔒	See similar VS profile for VI013
4	VS04 CAN/Analog no.2	**XDi Pair VS3 + VS4** Required: AX1 in Slot 1 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: TPDO/(XDi-net) RPM/RPM%: TPDO/(XDi-net) RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8) Input lost below 3.5mA Pitch%: TPDO/(XDi-net) Pitch% set-point: TPDO/(XDi-net)	🔒	See similar VS profile for VI013

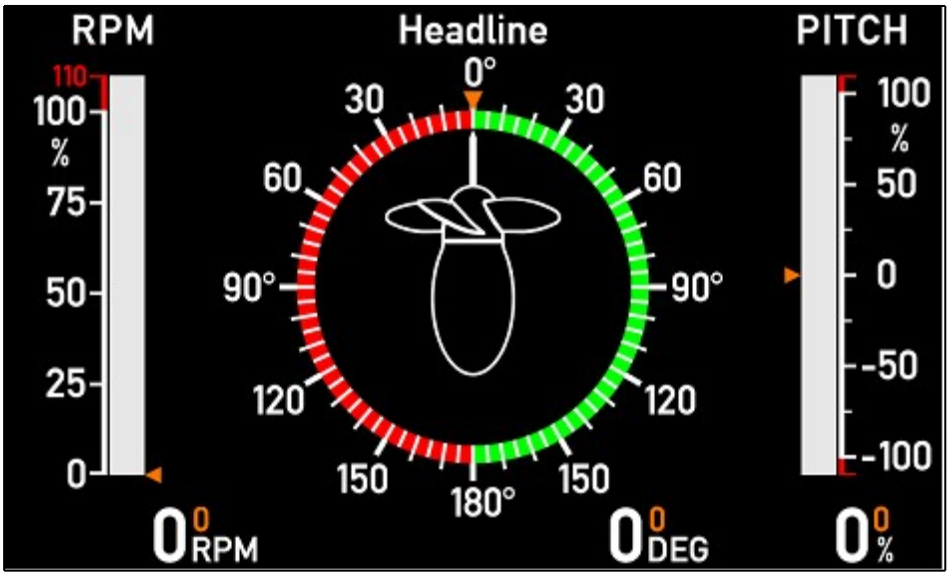
VI-setup profiles (VS) for VI018

VS No.	Name	Description	Status	Notes
5	VS05 Analogue system	**Analogue system** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S2i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i1: 4-20mA (+term9, -term8) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net) AX1 input lost below 3.5mA on all		See similar VS profile for VI013
6	VS06 SIN/COS	**Analogue SIN/COS** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S2i1+2: 10V SIN/COS (SIN term11, COS term7, GND term1) Azimuth set-point: AX1 S2i3: 0-10V (+term2) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net) AX1 S1 input lost below 3.5mA		See similar VS profile for VI013
7	VS07 RTC/+RPM Pickup	**RTC/+RPM Pickup system** Required: AX1 in Slot 1, DX1 in Slot 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM%: DX1 S2i1: Signal (+term11, - term10) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: CAN TPDO (RTC)/(XDi-net) AX1 S1 input lost below 3.5mA		See similar VS profile for VI013

VI-setup profiles (VS) for VI018

VS No.	Name	Description	Status	Notes
8	VS08 CAN/Analog set	**Used with VS05, 06, 07 or 09** Required: AX1 in Slot 1 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: TPDO/(XDi-net) RPM/RPM%: TPDO/(XDi-net) RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8) Pitch%: TPDO/(XDi-net) Pitch% set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 S1 input lost below 3.5mA		See similar VS profile for VI013
9	VS09 2 x Lin.potm.	**Dual linear potmeter for azi.** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S2i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7, Potentiometer 0V to trm.1 AGND. Azimuth set-point: AX1 S2i3: 0-10V (+term2) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net) AX1 S1 input lost below 3.5mA		See similar VS profile for VI013

VI 019 **AZI 10 FWD**



Description : **AZI 10 Pulling FWD**

Azimuth ±180 deg. 0°up with digital readout
RPM 0...110%
Actual RPM Range 0-3000 with digital readout
Pitch ±110% with ±200% digital readout

All with set point

Status :

VI Notes : Bar graph: Positive %Pitch is green and negative is red.
Dynamic azimuth pointer: An arrow in the azimuth symbol indicates thrust direction.

VI-setup profiles (VS) for VI019

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**All input data via XDi-net** Azimuth: XDi-net Azimuth set-point: XDi-net RPM/RPM%: XDi-net RPM/RPM% set-point: XDi-net Pitch%: XDi-net Pitch% set-point: XDi-net		See similar VS profile for VI013

VI-setup profiles (VS) for VI019

VS No.	Name	Description	Status	Notes
2	VS02 TPDO	**All input data via TPDO** or XDi-net Azimuth: TPDO Azimuth set-point: TPDO RPM/RPM%: TPDO RPM/RPM% set-point: TPDO Pitch%: TPDO Pitch% set-point: TPDO	🔒	See similar VS profile for VI013
3	VS03 CAN/Analog no.1	**XDi Pair VS3 + VS4** Required: AX1 in Slot 1 and 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S2i1: 4-20mA (+term9, -term8) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: AX1 S2i2: 4-20mA (+term5, -term4) Input lost below 3.5mA	🔒	See similar VS profile for VI013
4	VS04 CAN/Analog no.2	**XDi Pair VS3 + VS4** Required: AX1 in Slot 1 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: TPDO/(XDi-net) RPM/RPM%: TPDO/(XDi-net) RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8) Input lost below 3.5mA Pitch%: TPDO/(XDi-net) Pitch% set-point: TPDO/(XDi-net)	🔒	See similar VS profile for VI013

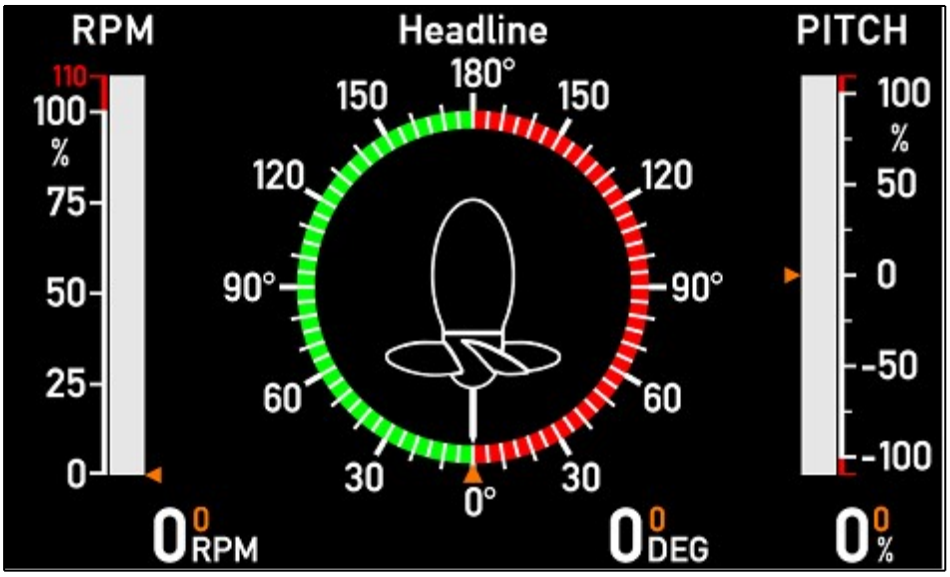
VI-setup profiles (VS) for VI019

VS No.	Name	Description	Status	Notes
5	VS05 Analogue system	**Analogue system** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S2i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i1: 4-20mA (+term9, -term8) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net) Input lost below 3.5mA		See similar VS profile for VI013
6	VS06 SIN/COS	**Analogue SIN/COS** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S2i1+2: 10V SIN/COS (SIN term11, COS term7, GND term1) Azimuth set-point: AX1 S2i3: 0-10V (+term2) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net) AX1 S1 input lost below 3.5mA		See similar VS profile for VI013
7	VS07 RTC/+RPM Pickup	**RTC/+RPM Pickup system** Required: AX1 in Slot 1, DX1 in Slot 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM%: DX1 S2i1: Signal (+term11, -term10) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: CAN TPDO (RTC)/(XDi-net) AX1 S1 input lost below 3.5mA		See similar VS profile for VI013

VI-setup profiles (VS) for VI019

VS No.	Name	Description	Status	Notes
8	VS08 CAN/Analog set	**Used with VS05, 06, 07 or 09** Required: AX1 in Slot 1 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: TPDO/(XDi-net) RPM/RPM%: TPDO/(XDi-net) RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8) Pitch%: TPDO/(XDi-net) Pitch% set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 S1 input lost below 3.5mA		See similar VS profile for VI013
9	VS09 2 x Lin.potm.	**Dual linear potmeter for azi.** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S2i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7, Potentiometer 0V to trm.1 AGND. Azimuth set-point: AX1 S2i3: 0-10V (+term2) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net) AX1 S1 input lost below 3.5mA		See similar VS profile for VI013

VI 020 **AZI 10 AFT**



Description : **AZI 10 Pulling AFT**

Azimuth ±180 deg. 0°Down w/ digital readout
RPM 0...110%
Actual RPM Range 0-3000 with digital readout
Pitch ±110% with ±200% digital readout

All with set point

Status :

VI Notes : Bar graph: Positive %Pitch is green and negative is red.
Dynamic azimuth pointer: An arrow in the azimuth symbol indicates thrust direction.

VI-setup profiles (VS) for VI020

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**All input data via XDi-net** Azimuth: XDi-net Azimuth set-point: XDi-net RPM/RPM%: XDi-net RPM/RPM% set-point: XDi-net Pitch%: XDi-net Pitch% set-point: XDi-net		See similar VS profile for VI013

VI-setup profiles (VS) for VI020

VS No.	Name	Description	Status	Notes
2	VS02 TPDO	**All input data via TPDO** or XDi-net Azimuth: TPDO Azimuth set-point: TPDO RPM/RPM%: TPDO RPM/RPM% set-point: TPDO Pitch%: TPDO Pitch% set-point: TPDO	🔒	See similar VS profile for VI013
3	VS03 CAN/Analog no.1	**XDi Pair VS3 + VS4** Required: AX1 in Slot 1 and 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S2i1: 4-20mA (+term9, -term8) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: AX1 S2i2: 4-20mA (+term5, -term4) Input lost below 3.5mA	🔒	See similar VS profile for VI013
4	VS04 CAN/Analog no.2	**XDi Pair VS3 + VS4** Required: AX1 in Slot 1 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: TPDO/(XDi-net) RPM/RPM%: TPDO/(XDi-net) RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8) Input lost below 3.5mA Pitch%: TPDO/(XDi-net) Pitch% set-point: TPDO/(XDi-net)	🔒	See similar VS profile for VI013

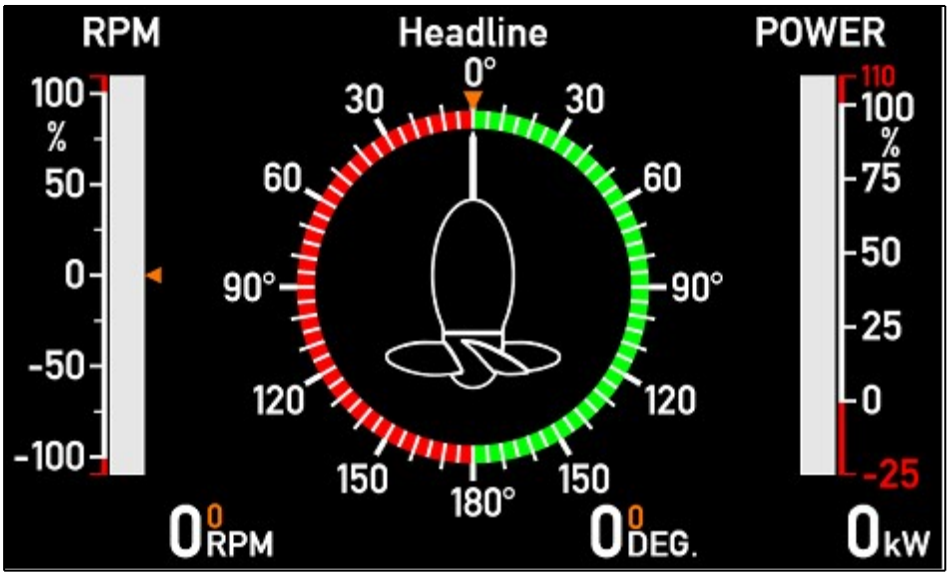
VI-setup profiles (VS) for VI020

VS No.	Name	Description	Status	Notes
5	VS05 Analogue system	**Analogue system** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S2i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i1: 4-20mA (+term9, -term8) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net) Input lost below 3.5mA		See similar VS profile for VI013
6	VS06 SIN/COS	**Analogue SIN/COS** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S2i1+2: 10V SIN/COS (SIN term11, COS term7, GND term1) Azimuth set-point: AX1 S2i3: 0-10V (+term2) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net) AX1 S1 input lost below 3.5mA		See similar VS profile for VI013
7	VS07 RTC/+RPM Pickup	**RTC/+RPM Pickup system** Required: AX1 in Slot 1, DX1 in Slot 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM%: DX1 S2i1: Signal (+term11, -term10) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: CAN TPDO (RTC)/(XDi-net) AX1 S1 input lost below 3.5mA		See similar VS profile for VI013

VI-setup profiles (VS) for VI020

VS No.	Name	Description	Status	Notes
8	VS08 CAN/Analog set	**Used with VS05, 06, 07 or 09** Required: AX1 in Slot 1 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: TPDO/(XDi-net) RPM/RPM%: TPDO/(XDi-net) RPM/RPM% set-point: AX1 S1i1: 4-20mA (+term9, -term8) Pitch%: TPDO/(XDi-net) Pitch% set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 S1 input lost below 3.5mA		See similar VS profile for VI013
9	VS09 2 x Lin.potm.	**Dual linear potmeter for azi.** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S2i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7, Potentiometer 0V to trm.1 AGND. Azimuth set-point: AX1 S2i3: 0-10V (+term2) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: TPDO/(XDi-net) Pitch%: AX1 S1i2: 4-20mA (+term5, -term4) Pitch% set-point: TPDO/(XDi-net) AX1 S1 input lost below 3.5mA		See similar VS profile for VI013

VI 021 **AZI 11 FWD**



Description : **AZI 11 Pushing FWD**

+/-RPM, Power % and kW

Azimuth ±180 deg. 0°up with digital readout
RPM ±110%
RPM digital readout max. +/-3275
Power -25 to +110% and digital +/- 9999 kW
With set point for Azi and RPM

Status :

VI Notes :

VI-setup profiles (VS) for VI021

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**All input data via XDi-net** Azimuth: XDi-net Azimuth set-point: XDi-net RPM/RPM%: XDi-net RPM/RPM% set-point: XDi-net kW/Power%: XDi-net NMEA out if a NX1 NMEA module is connected		The XDi-net profile is used when the indicator is a repeater, receiving data from another XDi unit or from a CAN controller providing data in XDi-net format. Please note that TPDO's or RPDO's are not retransmitted in XDi-net format, but are used directly by all indicators (e.g. Angle transmitted CAN data), zero or scaling adjustments can be synchronized via XDi-net. Use VS02 if a combination of XDi-net and TPDO inputs (e.g. CAN encoder) are used.

VI-setup profiles (VS) for VI021

VS No.	Name	Description	Status	Notes
2	VS02 TPDO	**All input data via TPDO** or XDi-net Azimuth: TPDO 0x181 (RTC, 16b signed) Azimuth set-point: TPDO 0x1A1 RPM/RPM%: TPDO 0x183 RPM/RPM% set-point: TPDO 0x2A1 Power%: TPDO 0x185 kW: TPDO 0x18C NMEA out if a NX1 NMEA module is connected	🔒	Default settings: Azimuth (0x181): Encoder 0x8000=-180.0, 0xC000=-90.0(PS), 0x0000=0, 0x4000=90.0(SB), 0x7FFF=180.0 Azi-setpoint (0x1A1): -1799 =-179.9(PS), 0 = 0, 1800 = 180.0(SB) RPM (0x183): -11000 =1100.0rpm, 0=0rpm, 11000=1100.0rpm RPM% (0x183): -100%=-1000rpm, +100%=+1000rpm Set-point RPM/RPM% (0x2A1) same scaling as RPM/RPM% PWR(kW) (0x18C): -1000=-1000kW, 0=0kW, 1000=1000kW PWR% (0x185):-1100=-110.0%, 0=0%, 1100=110.0%
3	VS03 CAN/Analogue	**CAN/Analogue system** Required: AX1 in Slot 1 and 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8) kW/Power%: AX1 S2i2: 4-20mA (+term5, -term4) Input lost below 3.5mA	🔒	Default settings: Azimuth (0x181): Encoder 0x8000=-180.0, 0xC000=-90.0(PS), 0x0000=0, 0x4000=90.0(SB), 0x7FFF=180.0 Azi-setpoint: The same as Azimuth input. RPM: 4mA=-1100rpm, 12mA=0rpm, 20mA=1100rpm RPM%: -100%=-1000rpm, +100%=+1000rpm Setpoint RPM/RPM% same scaling as RPM/RPM% PWR(kW): 4mA=-250kW, 20mA=1100kW PWR%: -100%=-1000kW, 100.0%=1000kW

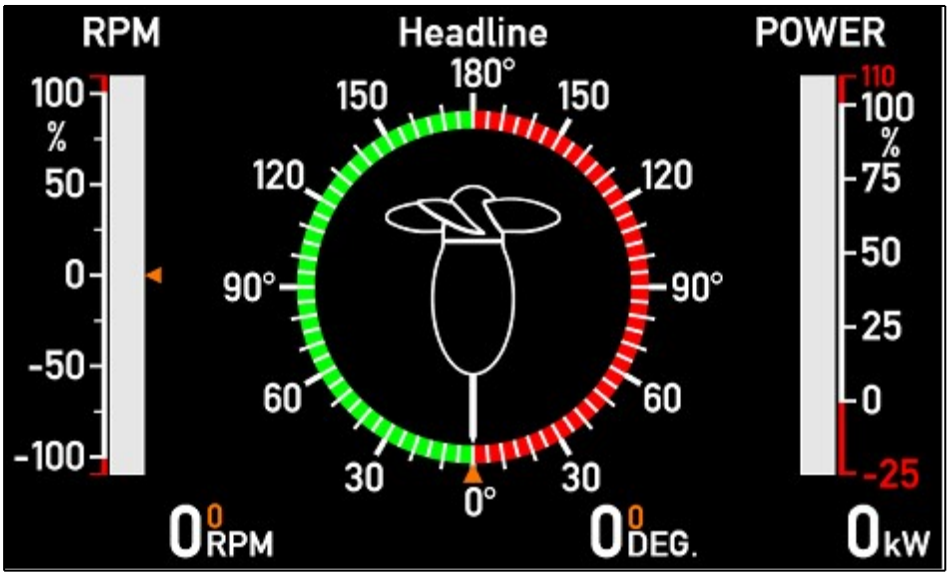
VI-setup profiles (VS) for VI021

VS No.	Name	Description	Status	Notes
4	VS04 Analogue	**Full Analogue system** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2, -term.0) kW/Power% AX1 S2i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA		Default settings: Azimuth 4mA=-180.0, 8mA=-90.0(PS), 12mA=0, 16mA=90.0(SB), 20mA=180.0 Azi-setpoint: The same as Azimuth input. RPM: 4mA=-1100rpm, 12mA=0rpm, 20mA=1100rpm RPM%: -100%=-1000rpm, +100%=+1000rpm RPM/RPM% Set-point: 0V=-1100.0rpm, 5V=0rpm, 10V=1100.0RPM PWR(kW): 4mA=-250kW, 20mA=1100kW PWR%: -100%=-1000kW, 100.0%=1000kW
5	VS05 SIN/COS	**Analogue SIN/COS** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i1+2: SIN/COS 4-20mA (COS:+trm.9,-trm.8, SIN: +trm.5,-trm.4) Azi set-point: XDi-net or TPDO RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM% set-point: XDi-net or TPDO kW/Power%: AX1 S2i1: 4-20mA (+term9, -term8) Input lost below 3.5mA Set-points are default OFF/Invisible		Default settings: Azimuth: SIN/COS 4-20mA, can be changed to voltage input max.+/-30V (remenber to set input offset correct and change input lost values) RPM: 4mA=-1100rpm, 12mA=0rpm, 20mA=1100rpm RPM%: -100%=-1000rpm, +100%=+1000rpm PWR(kW): 4mA=-250kW, 20mA=1100kW PWR%: -100%=-1000kW, 100.0%=1000kW All SET-POINTS (CAN) are default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A1 Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators

VI-setup profiles (VS) for VI021

VS No.	Name	Description	Status	Notes
6	VS06 RTC/±RPM	**RTC/±RPM Pickup system** Required: AX1 in Slot 1, DX1 in Slot 2 Azimuth: CAN TPDO (RTC) or XDi-net Azimuth set-point: XDi-net or TPDO RPM/RPM%: DX1 S2i1: (+term11, -term10) S2i2: (+term8,- term7) RPM/RPM% set-point: XDi-net or TPDO kW/Power%: AX1 S1i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA Set-points are default OFF/Invisible		Default settings: Azimuth: Encoder TPDO 0x181 16bit signed or XDi-net 0x3001-02. RPM: RPM pickup bi directional 1000 pulses per 100 revolutions (=10 pulses per rotation) RPM%: -100%=-1000rpm, +100%=+1000rpm PWR(kW): 4mA=-250kW, 20mA=1100kW PWR%: -100%=-1000kW, 100.0%=1000kW All SET-POINTS (CAN) are default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A1 Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators
7	VS07 2 x Lin.potm.	**Dual linear potmeter for azi.** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7 Potentiometer 0V to trm.1 AGND. Azi set-point: XDi-net or TPDO RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM% set-point: XDi-net or TPDO kW/Power%: AX1 S2i1: 4-20mA (+term9, -term8) Input lost below 3.5mA Set-points are default OFF/Invisible		Default settings: Azimuth: Voltage input (HV1,HV2): 0deg=(0V,5V), +90deg(SB)=(5V,0V), -90deg(PS)=(5V,10V),180deg=(10V,5V) Default settings can be changed via XDi menu. RPM: 4mA=-1100rpm, 12mA=0rpm, 20mA=1100rpm RPM%: -100%=-1000rpm, +100%=+1000rpm PWR(kW): 4mA=-250kW, 20mA=1100kW PWR%: -100%=-1000kW, 100.0%=1000kW All SET-POINTS (CAN) are default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A1 Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators

VI 022 **AZI 11 AFT**



Description : **AZI 11 Pushing AFT**

+/-RPM, Power % and kW

Azimuth ±180 deg. 0°up with digital readout
RPM ±110%
RPM digital readout max. +/-3275
Power -25 to +110% and digital +/- 9999 kW
With set point for Azi and RPM

Status :

VI Notes :

VI-setup profiles (VS) for VI022

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**All input data via XDi-net** Azimuth: XDi-net Azimuth set-point: XDi-net RPM/RPM%: XDi-net RPM/RPM% set-point: XDi-net kW/Power%: XDi-net NMEA out if a NX1 NMEA module is connected		See the VS-note for the FWD type indicator VI021

VI-setup profiles (VS) for VI022

VS No.	Name	Description	Status	Notes
2	VS02 TPDO	**All input data via TPDO** or XDi-net Azimuth: TPDO 0x181 (RTC, 16b signed) Azimuth set-point: TPDO 0x1A1 RPM/RPM%: TPDO 0x183 RPM/RPM% set-point: TPDO 0x2A1 Power%: TPDO 0x185 kW: TPDO 0x18C NMEA out if a NX1 NMEA module is connected	🔒	See the VS-note for the FWD type indicator VI021
3	VS03 CAN/Analogue	**CAN/Analogue system** Required: AX1 in Slot 1 and 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8) kW/Power%: AX1 S2i2: 4-20mA (+term5, -term4) Input lost below 3.5mA	🔒	Default settings: Azimuth (0x181): Encoder 0x8000=-180.0, 0xC000=-90.0(PS), 0x0000=0, 0x4000=90.0(SB), 0x7FFF=180.0 Azi-setpoint: The same as Azimuth input. RPM: 4mA=-1100rpm, 12mA=0rpm, 20mA=1100rpm RPM%: -100%=-1000rpm, +100%=+1000rpm Setpoint RPM/RPM% same scaling as RPM/RPM% PWR(kW): 4mA=-250kW, 20mA=1100kW PWR%: -100%=-1000kW, 100.0%=1000kW
4	VS04 Analogue	**Full Analogue system** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2, -term.0) kW/Power% AX1 S2i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA	🔒	Default settings: Azimuth 4mA=-180.0, 8mA=-90.0(PS), 12mA=0, 16mA=90.0(SB), 20mA=180.0 Azi-setpoint: The same as Azimuth input. RPM: 4mA=-1100rpm, 12mA=0rpm, 20mA=1100rpm RPM%: -100%=-1000rpm, +100%=+1000rpm RPM/RPM% Set-point: 0V=-1100.0rpm, 5V=0rpm, 10V=1100.0RPM PWR(kW): 4mA=-250kW, 20mA=1100kW PWR%: -100%=-1000kW, 100.0%=1000kW

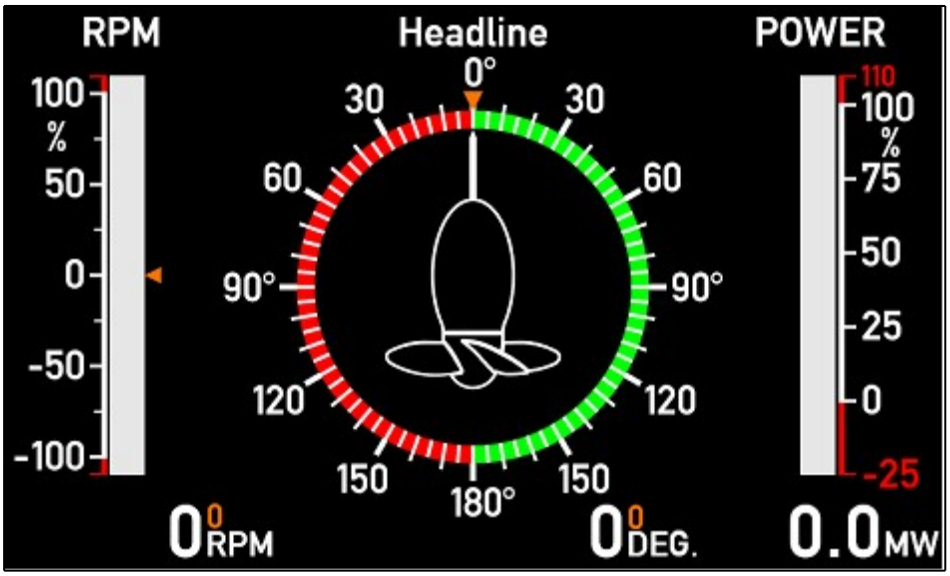
VI-setup profiles (VS) for VI022

VS No.	Name	Description	Status	Notes
5	VS05 SIN/COS	**Analogue SIN/COS** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i1+2: SIN/COS 4-20mA (COS:+trm.9,-trm.8, SIN: +trm.5,-trm.4) Azi set-point: XDi-net or TPDO RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM% set-point: XDi-net or TPDO kW/Power%: AX1 S2i1: 4-20mA (+term9, -term8) Input lost below 3.5mA Set-points are default OFF/Invisible	🔒	Default settings: Azimuth: SIN/COS 4-20mA, can be changed to voltage input max.+/-30V (remenber to set input offset correct and change input lost values) RPM: 4mA=-1100rpm, 12mA=0rpm, 20mA=1100rpm RPM%: -100%=-1000rpm, +100%=+1000rpm PWR(kW): 4mA=-250kW, 20mA=1100kW PWR%: -100%=-1000kW, 100.0%=1000kW All SET-POINTS (CAN) are default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A1 Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators
6	VS06 RTC/±RPM	**RTC/±RPM Pickup system** Required: AX1 in Slot 1, DX1 in Slot 2 Azimuth: CAN TPDO (RTC) or XDi-net Azimuth set-point: XDi-net or TPDO RPM/RPM%: DX1 S2i1: (+term11, -term10) S2i2: (+term8,- term7) RPM/RPM% set-point: XDi-net or TPDO kW/Power%: AX1 S1i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA Set-points are default OFF/Invisible	🔒	Default settings: Azimuth: Encoder TPDO 0x181 16bit signed or XDi-net 0x3001-02. RPM: RPM pickup bi directional 1000 pulses per 100 revolutions (=10 pulses per rotation) RPM%: -100%=-1000rpm, +100%=+1000rpm PWR(kW): 4mA=-250kW, 20mA=1100kW PWR%: -100%=-1000kW, 100.0%=1000kW All SET-POINTS (CAN) are default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A1 Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators

VI-setup profiles (VS) for VI022

VS No.	Name	Description	Status	Notes
7	VS07 2 x Lin.potm.	**Dual linear potmeter for azi.** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7 Potentiometer 0V to trm.1 AGND. Azi set-point: XDi-net or TPDO RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM% set-point: XDi-net or TPDO kW/Power%: AX1 S2i1: 4-20mA (+term9, -term8) Input lost below 3.5mA Set-points are default OFF/Invisible		Default settings: Azimuth: Voltage input (HV1,HV2): 0deg=(0V,5V), +90deg(SB)=(5V,0V), -90deg(PS)=(5V,10V),180deg=(10V,5V) Default settings can be changed via XDi menu. RPM: 4mA=-1100rpm, 12mA=0rpm, 20mA=1100rpm RPM%: -100%=-1000rpm, +100%=+1000rpm PWR(kW): 4mA=-250kW, 20mA=1100kW PWR%: -100%=-1000kW, 100.0%=1000kW All SET-POINTS (CAN) are default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A1 Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators

VI 023 **AZI 12 FWD**



Description : **AZI 12 Pushing FWD**

+/-RPM, Power % and MW

Azimuth ±180 deg. 0°up with digital readout
RPM ±110%
RPM digital readout max. +/-3275
Power -25 to +110% and digital +/- 999.9 MW
With set point for Azi and RPM

Status :

VI Notes :

VI-setup profiles (VS) for VI023

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**All input data via XDi-net** Azimuth: XDi-net Azimuth set-point: XDi-net RPM/RPM%: XDi-net RPM/RPM% set-point: XDi-net MW/Power%: XDi-net NMEA out if a NX1 NMEA module is connected		The XDi-net profile is used when the indicator is a repeater, receiving data from another XDi unit or from a CAN controller providing data in XDi-net format. Please note that TPDO's or RPDO's are not retransmitted in XDi-net format, but are used directly by all indicators (e.g. Angle transmitted CAN data), zero or scaling adjustments can be synchronized via XDi-net. Use VS02 if a combination of XDi-net and TPDO inputs (e.g. CAN encoder) are used.

VI-setup profiles (VS) for VI023

VS No.	Name	Description	Status	Notes
2	VS02 TPDO	**All input data via TPDO** or XDi-net Azimuth: TPDO 0x181 (RTC, 16b signed) Azimuth set-point: TPDO 0x1A1 RPM/RPM%: TPDO 0x183 RPM/RPM% set-point: TPDO 0x2A1 Power%: TPDO 0x185 MW: TPDO 0x18C NMEA out if a NX1 NMEA module is connected	🔒	Default settings: Azimuth (0x181): Encoder 0x8000=-180.0, 0xC000=-90.0(PS), 0x0000=0, 0x4000=90.0(SB), 0x7FFF=180.0 Azi-setpoint (0x1A1): -1799 =-179.9(PS), 0 = 0, 1800 = 180.0(SB) RPM (0x183): -11000 =1100.0rpm, 0=0rpm, 11000=1100.0rpm RPM% (0x183): -100%=-1000rpm, +100%=+1000rpm Set-point RPM/RPM% (0x2A1) same scaling as RPM/RPM% PWR(MW) (0x18C): -1000=-100.0MW, 0=0kW, 1000=100.0MW PWR% (0x185):-1100=-110.0%, 0=0%, 1100=110.0%
3	VS03 CAN/Analogue	**CAN/Analogue system** Required: AX1 in Slot 1 and 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8) MW/Power%: AX1 S2i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA	🔒	Default settings: Azimuth (0x181): Encoder 0x8000=-180.0, 0xC000=-90.0(PS), 0x0000=0, 0x4000=90.0(SB), 0x7FFF=180.0 Azi-setpoint: The same as Azimuth input. RPM: 4mA=-1100rpm, 12mA=0rpm, 20mA=1100rpm RPM%: -100%=-1000rpm, +100%=+1000rpm Setpoint RPM/RPM% same scaling as RPM/RPM% PWR(MW): 4mA=-25.0MW, 20mA=110.0MW PWR%: -100%=-100.0MW, 100.0%=100.0MW

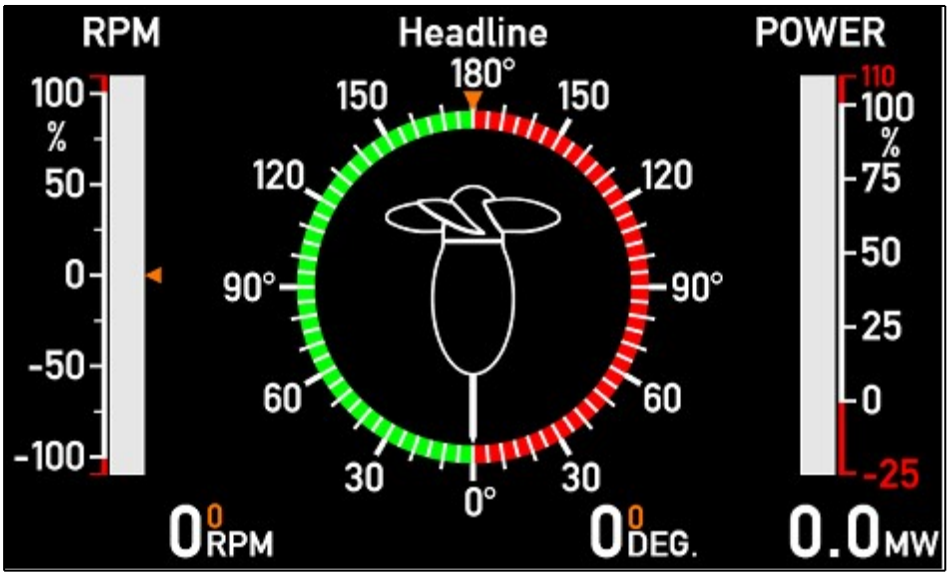
VI-setup profiles (VS) for VI023

VS No.	Name	Description	Status	Notes
4	VS04 Analogue	**Full Analogue system** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2, -term.0) MW/Power% AX1 S2i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA		Default settings: Azimuth 4mA=-180.0, 8mA=-90.0(PS), 12mA=0, 16mA=90.0(SB), 20mA=180.0 Azi-setpoint: The same as Azimuth input. RPM: 4mA=-1100rpm, 12mA=0rpm, 20mA=1100rpm RPM%: -100%=-1000rpm, +100%=+1000rpm RPM/RPM% Set-point: 0V=-1100.0rpm, 5V=0rpm, 10V=1100.0RPM PWR(MW): 4mA=-25.0MW, 20mA=110.0MW PWR%: -100%=-100.0MW, 100.0%=100.0MW
5	VS05 SIN/COS	**Analogue SIN/COS** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i1+2: SIN/COS 4-20mA (COS:+trm.9,-trm.8, SIN: +trm.5,-trm.4) Azi set-point: XDi-net or TPDO RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM% set-point: XDi-net or TPDO MW/Power%: AX1 S2i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA Set-points are default OFF/Invisible		Default settings: Azimuth: SIN/COS 4-20mA, can be changed to voltage input max.+/-30V (remenber to set input offset correct) RPM: 4mA=-1100rpm, 12mA=0rpm, 20mA=1100rpm RPM%: -100%=-1000rpm, +100%=+1000rpm PWR(MW): 4mA=-25.0MW, 20mA=110.0MW PWR%: -100%=-100.0MW, 100.0%=100.0MW All SET-POINTS (CAN) are default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A1 Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators

VI-setup profiles (VS) for VI023

VS No.	Name	Description	Status	Notes
6	VS06 RTC/±RPM	**RTC/±RPM Pickup system** Required: AX1 in Slot 1, DX1 in Slot 2 Azimuth: CAN TPDO (RTC) or XDi-net Azimuth set-point: XDi-net or TPDO RPM/RPM%: DX1 S2i1: (+term11, -term10) S2i2: (+term8,- term7) RPM/RPM% set-point: XDi-net or TPDO MW/Power%: AX1 S1i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA Set-points are default OFF/Invisible		Default settings: Azimuth: Encoder TPDO 0x181 16bit signed or XDi-net 0x3001-02. RPM: RPM pickup bi directional 1000 pulses per 100 revolutions (=10 pulses per rotation) RPM%: -100%=-1000rpm, +100%=+1000rpm PWR(MW): 4mA=-25.0MW, 20mA=110.0MW PWR%: -100%=-100.0MW, 100.0%=100.0MW All SET-POINTS (CAN) are default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A1 Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators
7	VS07 2 x Lin.potm.	**Dual linear potmeter for azi.** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7, Potentiometer 0V to trm.1 AGND. Azi set-point: XDi-net or TPDO RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM% set-point: XDi-net or TPDO MW/Power%: AX1 S2i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA Set-points are default OFF/Invisible		Default settings: Azimuth: Voltage input (HV1,HV2): 0deg=(0V,5V), +90deg(SB)=(5V,0V), -90deg(PS)=(5V,10V),180deg=(10V,5V) Default settings can be changed via XDi menu. RPM: 4mA=-1100rpm, 12mA=0rpm, 20mA=1100rpm RPM%: -100%=-1000rpm, +100%=+1000rpm PWR(MW): 4mA=-25.0MW, 20mA=110.0MW PWR%: -100%=-100.0MW, 100.0%=100.0MW All SET-POINTS (CAN) are default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A1 Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators

VI 024 **AZI 12 AFT**



Description : **AZI 12 Pushing AFT**

+/-RPM, Power % and MW

Azimuth ±180 deg. 0°up with digital readout
RPM ±110%
RPM digital readout max. +/-3275
Power -25 to +110% and digital +/- 999.9 MW
With set point for Azi and RPM

Status :

VI Notes :

VI-setup profiles (VS) for VI024

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**All input data via XDi-net** Azimuth: XDi-net Azimuth set-point: XDi-net RPM/RPM%: XDi-net RPM/RPM% set-point: XDi-net MW/Power%: XDi-net NMEA out if a NX1 NMEA module is connected		

VI-setup profiles (VS) for VI024

VS No.	Name	Description	Status	Notes
2	VS02 TPDO	**All input data via TPDO** or XDi-net Azimuth: TPDO 0x181 (RTC, 16b signed) Azimuth set-point: TPDO 0x1A1 RPM/RPM%: TPDO 0x183 RPM/RPM% set-point: TPDO 0x2A1 Power%: TPDO 0x185 MW: TPDO 0x18C NMEA out if a NX1 NMEA module is connected	🔒	
3	VS03 CAN/Analogue	**CAN/Analogue system** Required: AX1 in Slot 1 and 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8) MW/Power%: AX1 S2i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA	🔒	Default settings: Azimuth (0x181): Encoder 0x8000=-180.0, 0xC000=-90.0(PS), 0x0000=0, 0x4000=90.0(SB), 0x7FFF=180.0 Azi-setpoint: The same as Azimuth input. RPM: 4mA=-1100rpm, 12mA=0rpm, 20mA=1100rpm RPM%: -100%=-1000rpm, +100%=+1000rpm Setpoint RPM/RPM% same scaling as RPM/RPM% PWR(MW): 4mA=-25.0MW, 20mA=110.0MW PWR%: -100%=-100.0MW, 100.0%=100.0MW
4	VS04 Analogue	**Full Analogue system** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2, -term.0) MW/Power% AX1 S2i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA	🔒	Default settings: Azimuth 4mA=-180.0, 8mA=-90.0(PS), 12mA=0, 16mA=90.0(SB), 20mA=180.0 Azi-setpoint: The same as Azimuth input. RPM: 4mA=-1100rpm, 12mA=0rpm, 20mA=1100rpm RPM%: -100%=-1000rpm, +100%=+1000rpm RPM/RPM% Set-point: 0V=-1100.0rpm, 5V=0rpm, 10V=1100.0RPM PWR(MW): 4mA=-25.0MW, 20mA=110.0MW PWR%: -100%=-100.0MW, 100.0%=100.0MW

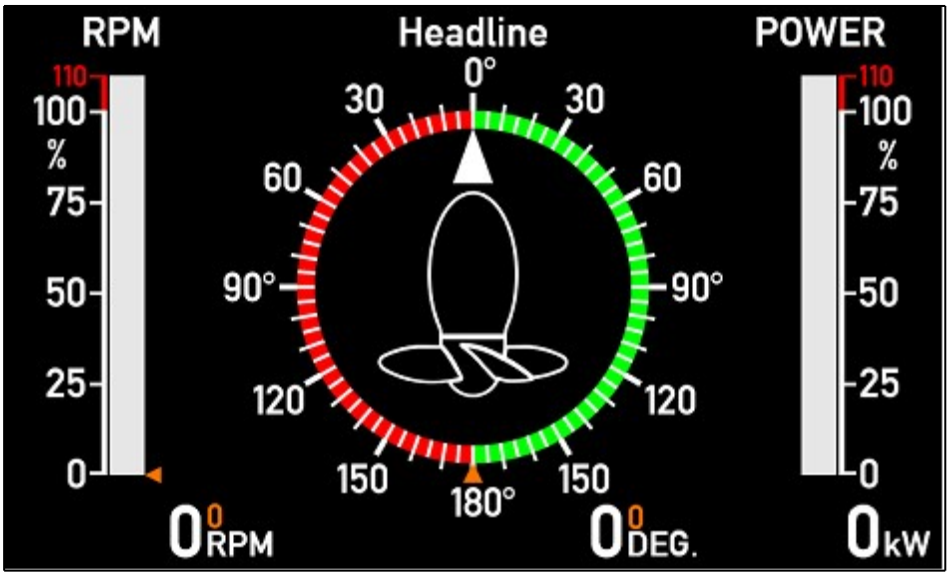
VI-setup profiles (VS) for VI024

VS No.	Name	Description	Status	Notes
5	VS05 SIN/COS	**Analogue SIN/COS** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i1+2: SIN/COS 4-20mA (COS:+trm.9,-trm.8, SIN: +trm.5,-trm.4) Azi set-point: XDi-net or TPDO RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM% set-point: XDi-net or TPDO MW/Power%: AX1 S2i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA Set-points are default OFF/Invisible	🔒	Default settings: Azimuth: SIN/COS 4-20mA, can be changed to voltage input max.+/-30V (remenber to set input offset correct) RPM: 4mA=-1100rpm, 12mA=0rpm, 20mA=1100rpm RPM%: -100%=-1000rpm, +100%=+1000rpm PWR(MW): 4mA=-25.0MW, 20mA=110.0MW PWR%: -100%=-100.0MW, 100.0%=100.0MW All SET-POINTS (CAN) are default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A1 Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators
6	VS06 RTC/±RPM	**RTC/±RPM Pickup system** Required: AX1 in Slot 1, DX1 in Slot 2 Azimuth: CAN TPDO (RTC) or XDi-net Azimuth set-point: XDi-net or TPDO RPM/RPM%: DX1 S2i1: (+term11, -term10) S2i2: (+term8,- term7) RPM/RPM% set-point: XDi-net or TPDO MW/Power%: AX1 S1i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA Set-points are default OFF/Invisible	🔒	Default settings: Azimuth: Encoder TPDO 0x181 16bit signed or XDi-net 0x3001-02. RPM: RPM pickup bi directional 1000 pulses per 100 revolutions (=10 pulses per rotation) RPM%: -100%=-1000rpm, +100%=+1000rpm PWR(MW): 4mA=-25.0MW, 20mA=110.0MW PWR%: -100%=-100.0MW, 100.0%=100.0MW All SET-POINTS (CAN) are default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A1 Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators

VI-setup profiles (VS) for VI024

VS No.	Name	Description	Status	Notes
7	VS07 2 x Lin.potm.	**Dual linear potmeter for azi.** Required: AX1 in Slot 1 and 2 Azimuth: AX1 S1i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7, Potentiometer 0V to trm.1 AGND. Azi set-point: XDi-net or TPDO RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM% set-point: XDi-net or TPDO MW/Power%: AX1 S2i1: 4-20mA (+term9, -term8) AX1 input lost below 3.5mA Set-points are default OFF/Invisible		Default settings: Azimuth: SIN/COS 4-20mA, can be changed to voltage input max.+/-30V (remenber to set input offset correct) RPM: 4mA=-1100rpm, 12mA=0rpm, 20mA=1100rpm RPM%: -100%=-1000rpm, +100%=+1000rpm PWR(MW): 4mA=-25.0MW, 20mA=110.0MW PWR%: -100%=-100.0MW, 100.0%=100.0MW All SET-POINTS (CAN) are default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A1 Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators

VI 025 **AZI 13 FWD**



Description : **AZI 13 Pushing FWD**

RPM, Power % and kW

Azimuth ±180 deg. 0°up with digital readout
RPM 0-110% and digital RPM 0 to max. 3275
Power 0 to +110%
and digital 0 to max. 9999 kW
With set point for Azi and RPM

Status :

VI Notes :

VI-setup profiles (VS) for VI025

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**All input data via XDi-net** Set-points are default OFF/Invisible ! Azimuth: XDi-net Azimuth set-point: XDi-net RPM/RPM%: XDi-net RPM/RPM% set-point: XDi-net kW/Power%: XDi-net NMEA out if a NX1 NMEA module is connected	🔒	The XDi-net profile is used when the indicator is a repeater, receiving data from another XDi unit or from a CAN controller providing data in XDi-net format. Please note that TPDO's or RPDO's are not retransmitted in XDi-net format, but are used directly by all indicators (e.g. Angle transmitted CAN data), zero or scaling adjustments can be synchronized via XDi-net. Use VS02 if a combination of XDi-net and TPDO inputs (e.g. CAN encoder) are used. Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators
2	VS02 TPDO	**All input data via TPDO** or XDi-net Azimuth: TPDO 0x181 (RTC, 16b signed) Azimuth set-point: TPDO 0x1A1 RPM/RPM%: TPDO 0x183 RPM/RPM% set-point: TPDO 0x2A1 Power%: TPDO 0x185 kW: TPDO 0x18C NMEA out if a NX1 NMEA module is connected	🔒	Default settings: Azimuth (0x181): Encoder 0x8000=-180.0, 0xC000=-90.0(PS), 0x0000=0, 0x4000=90.0(SB), 0x7FFF=180.0 Azi-setpoint (0x1A1): -1799 =-179.9(PS), 0 = 0, 1800 = 180.0(SB) RPM (0x183): 11000=1100.0rpm RPM% (0x183): 100%=1100rpm Set-point RPM/RPM% (0x2A1) same scaling as RPM/RPM% PWR(kW) (0x18C): 0=0kW, 1000=1000kW PWR% (0x185):0=0%, 1100=110.0% Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators

VI-setup profiles (VS) for VI025

VS No.	Name	Description	Status	Notes
3	VS03 CAN/Analogue	**CAN/Analogue system** Required: AX1 in Slot 1 and 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4) **RPM/RPM%:** AX1 S1i1: 4-20mA (+term9, -term8) Default 0-1100RPM (0-100%) RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8) **kW/Power%:** AX1 S2i2: 4-20mA (+term5, -term4) Default 0-1300 kW (0-100%) Input lost if below 3.5mA		Default settings: Azimuth (0x181): Encoder 0x8000=-180.0, 0xC000=-90.0(PS), 0x0000=0, 0x4000=90.0(SB), 0x7FFF=180.0 Azi-setpoint: The same as Azimuth input. RPM: 4mA=0rpm, 20mA=1100rpm RPM%: +100%=+1100rpm Setpoint RPM/RPM% same scaling as RPM/RPM% PWR(kW): 4mA=0kW, 20mA=1300kW PWR%: 0%=0kW, 100.0%=1300kW Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators
4	VS04 Analogue	**Full Analogue system** Required: AX1 in Slot 1 and 2 Set-points are default OFF/Invisible ! Azimuth: AX1 S1i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i2: 4-20mA (+term5, -term4) **RPM/RPM%:** AX1 S1i1: 4-20mA (+term9, -term8) Default 0-1100RPM (0-100%) RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2, -term.0) **kW/Power%** AX1 S2i1: 4-20mA (+term9, -term8) Default 0-1300 kW (0-100%) Input lost if below 3.5mA		Default settings: Azimuth 4mA=-180.0, 8mA=-90.0(PS), 12mA=0, 16mA=90.0(SB), 20mA=180.0 Azi-setpoint: The same as Azimuth input. RPM: 4mA=0rpm, 20mA=1100rpm RPM%: 100%=1100rpm RPM/RPM% Set-point: 0V=0rpm, 10V=1100.0RPM PWR(kW): 4mA=0kW, 20mA=1300kW PWR%: 0%=0kW, 100.0%=1300kW Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators

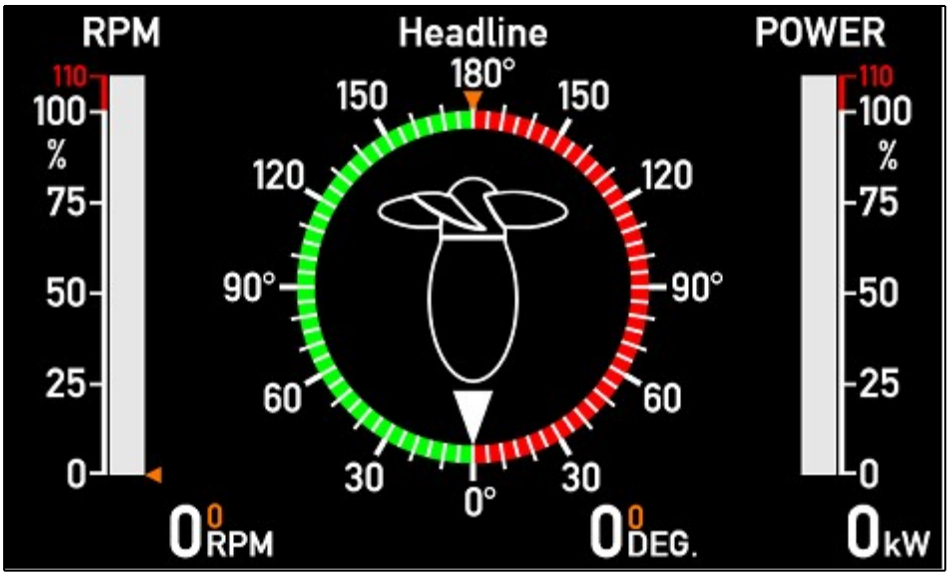
VI-setup profiles (VS) for VI025

VS No.	Name	Description	Status	Notes
5	VS05 SIN/COS	**Analogue SIN/COS** Required: AX1 in Slot 1 and 2 Set-points are default OFF/Invisible ! Azimuth: AX1 S1i1+2: SIN/COS 4-20mA (COS:+trm.9,-trm.8, SIN: +trm.5,-trm.4) Azi set-point: XDi-net or TPDO **RPM/RPM%:** AX1 S2i2: 4-20mA (+trm5, -trm4) Default 0-1100RPM (0-100%) RPM/RPM% set-point: XDi-net or TPDO **kW/Power%:** AX1 S2i1: 4-20mA (+trm9, -trm8) Default 0-1300 kW (0-100%) Input lost if below 3.5mA		Default settings: Azimuth: SIN/COS 4-20mA, can be changed to voltage input max.+/-30V (remenber to set input offset correct) RPM: 4mA=0rpm, 20mA=1100rpm RPM%: 100%=+1100rpm PWR(kW): 4mA=0kW, 20mA=1300kW PWR%: 0%=0kW, 100.0%=1300kW All SET-POINTS (CAN) are default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A1 Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators
6	VS06 RTC/DX/AX	**RTC/RPM Pickup system** Required: AX1 in Slot 1, DX1 in Slot 2 Set-points are default OFF/Invisible ! Azimuth: CAN TPDO (RTC) or XDi-net Azimuth set-point: XDi-net or TPDO RPM/RPM%: DX1 S2i1: (+term11, -term10) RPM/RPM% set-point: XDi-net or TPDO kW/Power%: AX1 S1i1: 4-20mA (+term9, -term8) Default 0-1300 kW (0-100%) Input lost if below 3.5mA		Default settings: Azimuth: Encoder TPDO 0x181 16bit signed or XDi-net 0x3001-02. RPM: RPM pickup bi directional 1000 pulses per 100 revolutions (=10 pulses per rotation) RPM%: 0%=0rpm, 100%=1100rpm PWR(kW): 4mA=0kW, 20mA=1300kW PWR%: 0%=0kW, 100.0%=1300kW All SET-POINTS (CAN) are default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A1 Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators

VI-setup profiles (VS) for VI025

VS No.	Name	Description	Status	Notes
7	VS07 2 x Lin.potm.	**Dual linear potmeter for azi.** Required: AX1 in Slot 1 and 2 Set-points are default OFF/Invisible ! **Azimuth: AX1 S1i1+2 (Voltage):** 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7,-trm.4) Potentiometer 0V to trm.1 AGND. Azi set-point: XDi-net or TPDO **RPM/RPM%:** AX1 S2i2: 4-20mA (+trm5, -trm4) Default 0-1100RPM (0-100%) RPM/RPM% set-point: XDi-net or TPDO **kW/Power%:** AX1 S2i1: 4-20mA (+trm9, -trm8) Default 0-1300 kW (0-100%) Input lost if below 3.5mA		Default settings: Azimuth: Voltage input (HV1,HV2): 0deg=(0V,5V), +90deg(SB)=(5V,0V), -90deg(PS)=(5V,10V),180deg=(10V,5V) Default settings can be changed via XDi menu. RPM: 4mA=0rpm, 20mA=1100rpm RPM%: 100%=+1100rpm PWR(kW): 4mA=0kW, 20mA=1300kW PWR%: 0%=0kW, 100.0%=1300kW All SET-POINTS (CAN) are default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A1 Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators

VI 026 **AZI 13 AFT**



Description : **AZI 13 Pushing AFT**

RPM, Power % and kW

Azimuth ±180 deg. 0°up with digital readout
RPM 0-110% and digital RPM 0 to max. 3275
Power 0 to +110%
and digital 0 to max. 9999 kW
With set point for Azi and RPM

Status :

VI Notes :

VI-setup profiles (VS) for VI026

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**All input data via XDi-net** Set-points are default OFF/Invisible ! Azimuth: XDi-net Azimuth set-point: XDi-net RPM/RPM%: XDi-net RPM/RPM% set-point: XDi-net kW/Power%: XDi-net NMEA out if a NX1 NMEA module is connected		Please see note for the similar VS in the forward version

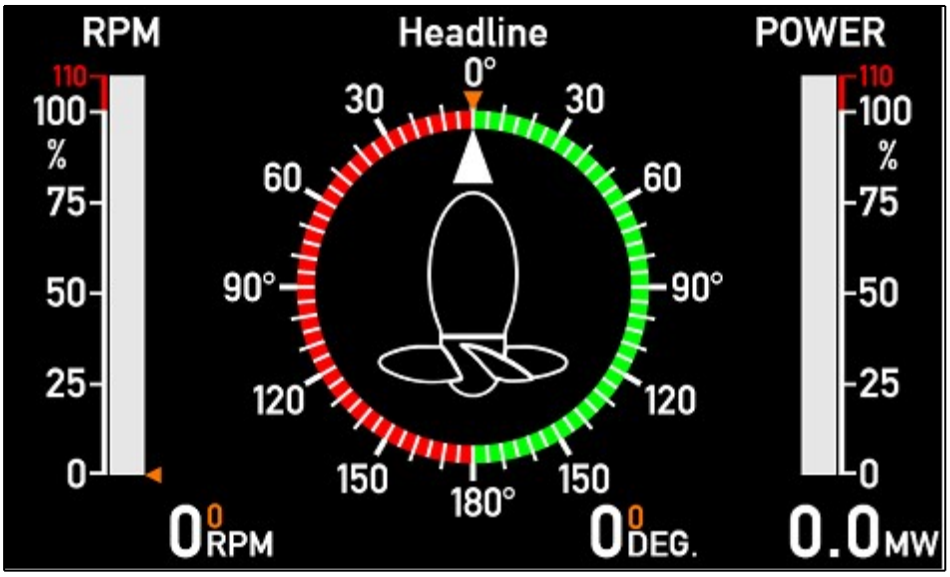
VI-setup profiles (VS) for VI026

VS No.	Name	Description	Status	Notes
2	VS02 TPDO	**All input data via TPDO** or XDi-net Azimuth: TPDO 0x181 (RTC, 16b signed) Azimuth set-point: TPDO 0x1A1 RPM/RPM%: TPDO 0x183 RPM/RPM% set-point: TPDO 0x2A1 Power%: TPDO 0x185 kW: TPDO 0x18C NMEA out if a NX1 NMEA module is connected	🔒	Please see note for the similar VS in the forward version
3	VS03 CAN/Analogue	**CAN/Analogue system** Required: AX1 in Slot 1 and 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4) **RPM/RPM%:** AX1 S1i1: 4-20mA (+term9, -term8) Default 0-1100RPM (0-100%) RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8) **kW/Power%:** AX1 S2i2: 4-20mA (+term5, -term4) Default 0-1300 kW (0-100%) Input lost if below 3.5mA	🔒	Please see note for the similar VS in the forward version
4	VS04 Analogue	**Full Analogue system** Required: AX1 in Slot 1 and 2 Set-points are default OFF/Invisible ! Azimuth: AX1 S1i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i2: 4-20mA (+term5, -term4) **RPM/RPM%:** AX1 S1i1: 4-20mA (+term9, -term8) Default 0-1100RPM (0-100%) RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2, -term.0) **kW/Power%** AX1 S2i1: 4-20mA (+term9, -term8) Default 0-1300 kW (0-100%) Input lost if below 3.5mA	🔒	Please see note for the similar VS in the forward version

VI-setup profiles (VS) for VI026

VS No.	Name	Description	Status	Notes
5	VS05 SIN/COS	**Analogue SIN/COS** Required: AX1 in Slot 1 and 2 Set-points are default OFF/Invisible ! **Azimuth: AX1 S1i1+2: SIN/COS 4-20mA** (COS:+trm.9,-trm.8, SIN: +trm.5,-trm.4) Azi set-point: XDi-net or TPDO **RPM/RPM%: AX1 S2i2:** 4-20mA (+term5, -term4) Default 0-1100RPM (0-100%) RPM/RPM% set-point: XDi-net or TPDO **kW/Power%: AX1 S2i1:** 4-20mA (+term9, -term8) Default 0-1300 kW (0-100%) Input lost if below 3.5mA	🔒	Please see note for the similar VS in the forward version
6	VS06 RTC/DX/AX	**RTC/RPM Pickup system** Required: AX1 in Slot 1, DX1 in Slot 2 Set-points are default OFF/Invisible ! Azimuth: CAN TPDO (RTC) or XDi-net Azimuth set-point: XDi-net or TPDO **RPM/RPM%: DX1** S2i1: (+term11, -term10) RPM/RPM% set-point: XDi-net or TPDO **kW/Power%:** AX1 S1i1: 4-20mA (+term9, -term8) Default 0-1300 kW (0-100%) Input lost if below 3.5mA	🔒	Please see note for the similar VS in the forward version
7	VS07 2 x Lin.potm.	**Dual linear potmeter for azi.** Required: AX1 in Slot 1 and 2 Set-points are default OFF/Invisible ! **Azimuth: AX1 S1i1+2 (Voltage):** 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7,-trm.4) Potentiometer 0V to trm.1 AGND. Azi set-point: XDi-net or TPDO **RPM/RPM%:** AX1 S2i2: 4-20mA (+trm5, -trm4) Default 0-1100RPM (0-100%) RPM/RPM% set-point: XDi-net or TPDO **kW/Power%:** AX1 S2i1: 4-20mA (+trm9, -trm8) Default 0-1300 kW (0-100%) Input lost if below 3.5mA	🔒	Default settings: Azimuth: Voltage input (HV1,HV2): 0deg=(0V,5V), +90deg(SB)=(5V,0V), -90deg(PS)=(5V,10V),180deg=(10V,5V) Default settings can be changed via XDi menu. RPM: 4mA=0rpm, 20mA=1100rpm RPM%: 100%=+1100rpm PWR(kW): 4mA=0kW, 20mA=1300kW PWR%: 0%=0kW, 100.0%=1300kW All SET-POINTS (CAN) are default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A1 Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators

VI 027 **AZI 14 FWD**



Description : **AZI 14 Pushing FWD**

RPM, Power % and MW

Azimuth ±180 deg. 0°up with digital readout
RPM 0-110% and digital RPM 0 to max. 3275
Power 0 to +110%
and digital 0 to max. 999.9 MW
With set point for Azi and RPM

Status :

VI Notes :

VI-setup profiles (VS) for VI027

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**All input data via XDi-net** Set-points are default OFF/Invisible ! Azimuth: XDi-net Azimuth set-point: XDi-net RPM/RPM%: XDi-net RPM/RPM% set-point: XDi-net MW/Power%: XDi-net NMEA out if a NX1 NMEA module is connected		The XDi-net profile is used when the indicator is a repeater, receiving data from another XDi unit or from a CAN controller providing data in XDi-net format. Please note that TPDO's or RPDO's are not retransmitted in XDi-net format, but are used directly by all indicators (e.g. Angle transmitted CAN data), zero or scaling adjustments can be synchronized via XDi-net. Use VS02 if a combination of XDi-net and TPDO inputs (e.g. CAN encoder) are used. Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators
2	VS02 TPDO	**All input data via TPDO** or XDi-net Azimuth: TPDO 0x181 (RTC, 16b signed) Azimuth set-point: TPDO 0x1A1 RPM/RPM%: TPDO 0x183 RPM/RPM% set-point: TPDO 0x2A1 Power%: TPDO 0x185 MW: TPDO 0x18C NMEA out if a NX1 NMEA module is connected		Default settings: Azimuth (0x181): Encoder 0x8000=-180.0, 0xC000=-90.0(PS), 0x0000=0, 0x4000=90.0(SB), 0x7FFF=180.0 Azi-setpoint (0x1A1): -1799 =-179.9(PS), 0 = 0, 1800 = 180.0(SB) RPM (0x183): 11000=1100.0rpm RPM% (0x183): 100%=1100rpm Set-point RPM/RPM% (0x2A1) same scaling as RPM/RPM% PWR(kW) (0x18C): 0=0.0MW, 100=10.0MW PWR% (0x185):0=0%, 1100=110.0% Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators

VI-setup profiles (VS) for VI027

VS No.	Name	Description	Status	Notes
3	VS03 CAN/Analogue	**CAN/Analogue system** Required: AX1 in Slot 1 and 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) Default 0-1100RPM (0-100%) RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8) MW/Power%: AX1 S2i2: 4-20mA (+term5, -term4) Default 0-13.0 MW (0-100%) AX1 input lost below 3.5mA		Default settings: Azimuth (0x181): Encoder 0x8000=-180.0, 0xC000=-90.0(PS), 0x0000=0, 0x4000=90.0(SB), 0x7FFF=180.0 Azi-setpoint: The same as Azimuth input. RPM: 4mA=0rpm, 20mA=1100rpm RPM%: +100%=+1100rpm Setpoint RPM/RPM% same scaling as RPM/RPM% PWR(kW): 4mA=0MW, 20mA=13.0MW PWR%: 0%=0kW, 100.0%=13.0MW Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators
4	VS04 Analogue	**Full Analogue system** Required: AX1 in Slot 1 and 2 Set-points are default OFF/Invisible ! Azimuth: AX1 S1i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) Default 0-1100RPM (0-100%) RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2, -term.0) MW/Power% AX1 S2i1: 4-20mA (+term9, -term8) Default 0-13.0 MW (0-100%) AX1 input lost below 3.5mA		Default settings: Azimuth 4mA=-180.0, 8mA=-90.0(PS), 12mA=0, 16mA=90.0(SB), 20mA=180.0 Azi-setpoint: The same as Azimuth input. RPM: 4mA=0rpm, 20mA=1100rpm RPM%: 100%=1100rpm RPM/RPM% Set-point: 0V=0rpm, 10V=1100.0RPM PWR(kW): 4mA=0MW, 20mA=13.0MW PWR%: 0%=0MW, 100.0%=13.0MW Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators

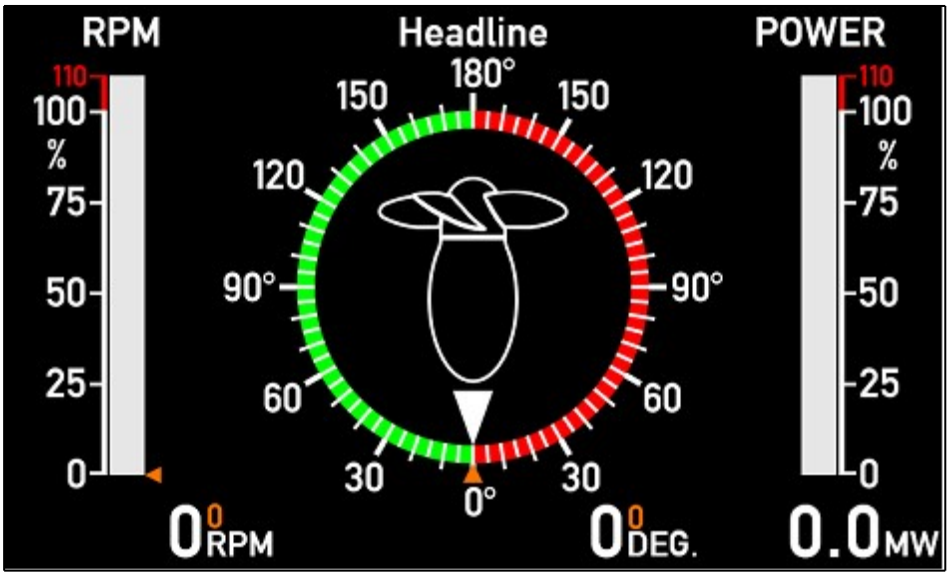
VI-setup profiles (VS) for VI027

VS No.	Name	Description	Status	Notes
5	VS05 SIN/COS	**Analogue SIN/COS** Required: AX1 in Slot 1 and 2 Set-points are default OFF/Invisible ! Azimuth: AX1 S1i1+2: SIN/COS 4-20mA (COS:+trm.9,-trm.8, SIN: +trm.5,-trm.4) Azi set-point: XDi-net or TPDO RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) Default 0-1100RPM (0-100%) RPM/RPM% set-point: XDi-net or TPDO MW/Power%: AX1 S2i1: 4-20mA (+term9, -term8) Default 0-13.0 MW (0-100%) AX1 input lost below 3.5mA		Default settings: Azimuth: SIN/COS 4-20mA, can be changed to voltage input max.+/-30V (remenber to set input offset correct) RPM: 4mA=0rpm, 20mA=1100rpm RPM%: 100%=+1100rpm PWR(kW): 4mA=0MW, 20mA=13.0MW PWR%: 0%=0MW, 100.0%=13.0MW All SET-POINTS (CAN) are default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A1 Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators
6	VS06 RTC/DX/AX	**RTC/RPM Pickup system** Required: AX1 in Slot 1, DX1 in Slot 2 Set-points are default OFF/Invisible ! Azimuth: CAN TPDO (RTC) or XDi-net Azimuth set-point: XDi-net or TPDO RPM/RPM%: DX1 S2i1: (+term11, -term10) RPM/RPM% set-point: XDi-net or TPDO MW/Power%: AX1 S1i1: 4-20mA (+term9, -term8) Default 0-13.0 MW (0-100%) AX1 input lost below 3.5mA		Default settings: Azimuth: Encoder TPDO 0x181 16bit signed or XDi-net 0x3001-02. RPM: RPM pickup bi directional 1000 pulses per 100 revolutions (=10 pulses per rotation) RPM%: 0%=0rpm, 100%=1100rpm PWR(kW): 4mA=0MW, 20mA=13.0MW PWR%: 0%=0MW, 100.0%=13.0MW All SET-POINTS (CAN) are default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A1 Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators

VI-setup profiles (VS) for VI027

VS No.	Name	Description	Status	Notes
7	VS07 2 x Lin.potm.	**Dual linear potmeter for azi.** Required: AX1 in Slot 1 and 2 Set-points are default OFF/Invisible ! Azimuth: AX1 S1i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7, Potentiometer 0V to trm.1 AGND. Azi set-point: XDi-net or TPDO RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) Default 0-1100RPM (0-100%) RPM/RPM% set-point: XDi-net or TPDO MW/Power%: AX1 S2i1: 4-20mA (+term9, -term8) Default 0-13.0 MW (0-100%) AX1 input lost below 3.5mA		Default settings: Azimuth: Voltage input (HV1,HV2): 0deg=(0V,5V), +90deg(SB)=(5V,0V), -90deg(PS)=(5V,10V),180deg=(10V,5V) Default settings can be changed via XDi menu. RPM: 4mA=0rpm, 20mA=1100rpm RPM%: 100%=+1100rpm PWR(kW): 4mA=0MW, 20mA=13.0MW PWR%: 0%=0MW, 100.0%=13.0MW All SET-POINTS (CAN) are default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A1 Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators

VI 028 **AZI 14 AFT**



Description : **AZI 14 Pushing AFT**

RPM, Power % and MW

Azimuth ±180 deg. 0°up with digital readout
RPM 0-110% and digital RPM 0 to max. 3275
Power 0 to +110%
and digital 0 to max. 999.9 MW
With set point for Azi and RPM

Status :

VI Notes :

VI-setup profiles (VS) for VI028

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	**All input data via XDi-net** Set-points are default OFF/Invisible ! Azimuth: XDi-net Azimuth set-point: XDi-net RPM/RPM%: XDi-net RPM/RPM% set-point: XDi-net MW/Power%: XDi-net NMEA out if a NX1 NMEA module is connected		Please see note for the similar VS in the forward version

VI-setup profiles (VS) for VI028

VS No.	Name	Description	Status	Notes
2	VS02 TPDO	**All input data via TPDO** or XDi-net Azimuth: TPDO 0x181 (RTC, 16b signed) Azimuth set-point: TPDO 0x1A1 RPM/RPM%: TPDO 0x183 RPM/RPM% set-point: TPDO 0x2A1 Power%: TPDO 0x185 MW: TPDO 0x18C NMEA out if a NX1 NMEA module is connected	🔒	Please see note for the similar VS in the forward version
3	VS03 CAN/Analogue	**CAN/Analogue system** Required: AX1 in Slot 1 and 2 Azimuth: CAN TPDO (RTC)/(XDi-net) Azimuth set-point: AX1 S1i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) Default 0-1100RPM (0-100%) RPM/RPM% set-point: AX1 S2i1: 4-20mA (+term9, -term8) MW/Power%: AX1 S2i2: 4-20mA (+term5, -term4) Default 0-13.0 MW (0-100%) AX1 input lost below 3.5mA	🔒	Default settings: Azimuth (0x181): Encoder 0x8000=-180.0, 0xC000=-90.0(PS), 0x0000=0, 0x4000=90.0(SB), 0x7FFF=180.0 Azi-setpoint: The same as Azimuth input. RPM: 4mA=0rpm, 20mA=1100rpm RPM%: +100%=+1100rpm Setpoint RPM/RPM% same scaling as RPM/RPM% PWR(kW): 4mA=0MW, 20mA=13.0MW PWR%: 0%=0kW, 100.0%=13.0MW Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators
4	VS04 Analogue	**Full Analogue system** Required: AX1 in Slot 1 and 2 Set-points are default OFF/Invisible ! Azimuth: AX1 S1i2: 4-20mA (+term5, -term4) Azimuth set-point: AX1 S2i2: 4-20mA (+term5, -term4) RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) Default 0-1100RPM (0-100%) RPM/RPM% set-point: AX1 S2i3: 0-10V (+term2, -term.0) MW/Power% AX1 S2i1: 4-20mA (+term9, -term8) Default 0-13.0 MW (0-100%) AX1 input lost below 3.5mA	🔒	Default settings: Azimuth 4mA=-180.0, 8mA=-90.0(PS), 12mA=0, 16mA=90.0(SB), 20mA=180.0 Azi-setpoint: The same as Azimuth input. RPM: 4mA=0rpm, 20mA=1100rpm RPM%: 100%=1100rpm RPM/RPM% Set-point: 0V=0rpm, 10V=1100.0RPM PWR(kW): 4mA=0MW, 20mA=13.0MW PWR%: 0%=0MW, 100.0%=13.0MW Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators

VI-setup profiles (VS) for VI028

VS No.	Name	Description	Status	Notes
5	VS05 SIN/COS	**Analogue SIN/COS** Required: AX1 in Slot 1 and 2 Set-points are default OFF/Invisible ! Azimuth: AX1 S1i1+2: SIN/COS 4-20mA (COS:+trm.9,-trm.8, SIN: +trm.5,-trm.4) Azi set-point: XDi-net or TPDO RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) Default 0-1100RPM (0-100%) RPM/RPM% set-point: XDi-net or TPDO MW/Power%: AX1 S2i1: 4-20mA (+term9, -term8) Default 0-13.0 MW (0-100%) AX1 input lost below 3.5mA		Default settings: Azimuth: SIN/COS 4-20mA, can be changed to voltage input max.+/-30V (remenber to set input offset correct) RPM: 4mA=0rpm, 20mA=1100rpm RPM%: 100%=+1100rpm PWR(kW): 4mA=0MW, 20mA=13.0MW PWR%: 0%=0MW, 100.0%=13.0MW All SET-POINTS (CAN) are default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A1 Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators
6	VS06 RTC/DX/AX	**RTC/RPM Pickup system** Required: AX1 in Slot 1, DX1 in Slot 2 Set-points are default OFF/Invisible ! Azimuth: CAN TPDO (RTC) or XDi-net Azimuth set-point: XDi-net or TPDO RPM/RPM%: DX1 S2i1: (+term11, -term10) RPM/RPM% set-point: XDi-net or TPDO MW/Power%: AX1 S1i1: 4-20mA (+term9, -term8) Default 0-13.0 MW (0-100%) AX1 input lost below 3.5mA		Default settings: Azimuth: Encoder TPDO 0x181 16bit signed or XDi-net 0x3001-02. RPM: RPM pickup bi directional 1000 pulses per 100 revolutions (=10 pulses per rotation) RPM%: 0%=0rpm, 100%=1100rpm PWR(kW): 4mA=0MW, 20mA=13.0MW PWR%: 0%=0MW, 100.0%=13.0MW All SET-POINTS (CAN) are default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A1 Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators

VI-setup profiles (VS) for VI028

VS No.	Name	Description	Status	Notes
7	VS07 2 x Lin.potm.	**Dual linear potmeter for azi.** Required: AX1 in Slot 1 and 2 Set-points are default OFF/Invisible ! Azimuth: AX1 S1i1+2 (Voltage): 2 x linear potmeter 0 to 10V. Wiper1: trm.11, Wiper2: +trm.7, Potentiometer 0V to trm.1 AGND. Azi set-point: XDi-net or TPDO RPM/RPM%: AX1 S2i2: 4-20mA (+term5, -term4) Default 0-1100RPM (0-100%) RPM/RPM% set-point: XDi-net or TPDO MW/Power%: AX1 S2i1: 4-20mA (+term9, -term8) Default 0-13.0 MW (0-100%) AX1 input lost below 3.5mA		Default settings: Azimuth: Voltage input (HV1,HV2): 0deg=(0V,5V), +90deg(SB)=(5V,0V), -90deg(PS)=(5V,10V),180deg=(10V,5V) Default settings can be changed via XDi menu. RPM: 4mA=0rpm, 20mA=1100rpm RPM%: 100%=+1100rpm PWR(kW): 4mA=0MW, 20mA=13.0MW PWR%: 0%=0MW, 100.0%=13.0MW All SET-POINTS (CAN) are default OFF/INVISIBLE: Azi set-point: XDi-net (0x3001-07) or TPDO 0x1A1 Set-point RPM/RPM%: XDi-net (0x3081-07 & 0x3091-07) or TPDO 2A1 Set-points can be set ON via INSTALLATION menu: Edit virtual indicator/Indicators