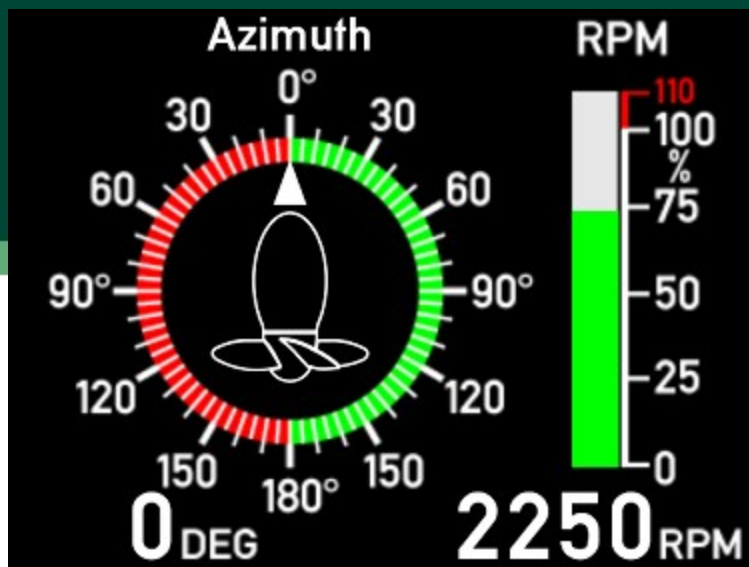




Improve
Tomorrow

XDi 96 Dual

Standard Dual Azimuth



Library owner: DEIF STANDARD LIB

Library number: 1

Library version: 2013

Table of Contents

1	LIBRARY INFORMATION	3
2	PRODUCT PROFILES (PP)	5
3	VIRTUAL INDICATORS (VI)	7
4	DETAILED VIRTUAL INDICATOR (VI) DESCRIPTION	8

Library description :

This XDi Dual library contains a selection of Azimuth 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.

Library is moved to XDi main software platform 2, this opens for dimming via the front buttons (Frontframe with buttons are ordered as option or as accessory).


Analogue input error (input lost/out of range) indication is implemented in all relevant VS profiles.

With the upgrade to software Platform 2 it is possible to use dimmer from front buttons (Front button option is required) and it is also possible to make external pushbutton dimming using the NX1 module.

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.


Library status symbols :

 Released & Locked

 Approved

 Pending

 Draft

 Not approved



Timestamp 20-05-2026 11.37.15

Library Specification

Library owner no. : 000001
Library owner name : DEIF STANDARD LIB
Product type : XDi 96
Performance class : Dual
Library number : 1
Library name : Standard Dual Azimuth
Library orientation : Landscape
Library status : Released & Locked
Library version : 2013

Last changed : 20-05-2026 11.37.07

Library default settings :

180 display rotation : False
CAN NodeID : 30

Library notes :

20-05-2027/JHU, Ver. 2013:VIs 13 - 16 added (Azimuth act. + set point, PUSH & PULL, FWD AFT).

08-02-2023/JOL, Ver. 2012: 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.

28-07-2022/JOL, v.2011: Product profile default dimmer level for menu is increased to 70% . Help text is updated for PP's.

VS profiles: Notes about changing analogue input type or range with respect to 4-20mA input lost is added.

07-06-2021/JOL, v.2010: Azi pointer day/night issue is also fixed in VI009 and 010 (Function was OK only a small graphic issue)

20-11-2020/JOL, v.2009: Azi pointer day/night issue is fixed in VI001, 2, 5, 6

07-05-2020/JOL, v.2008: New analogue input lost function is added to all 4-20mA inputs and new main software with display colour adjust function is added.

07-02-2020/JOL, V.2007: Library is moved to XDi software platform 2 and some small adjustments are made.

It is still backward compatible with previous platform 1 versions.



Product profiles (PP)



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

Timestamp 20-05-2026 11.37.16

PP No.	PP Name	Description	Status	Notes
1	PP01 XDi-net	<p>Front/XDi-net Dim Dimming via XDi-net and/or use front button option to dim from front buttons.</p> <p>Default settings: Dimmer group 1 Auto Day/Night Shift at 70% Monitoring supply voltage 1 XDi-net active</p>		CANbus and Dimmer settings can be changed from XDi menu
2	PP02 Analogue	<p>A Dimmer Required: AX1 module Dimmer potmeter (+ term 3, -term 1, wiper term 2) Can be reconfigured to voltage input</p> <p>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</p>		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	<p>CAN Dimmer</p> <p>CANopen TPDO dimming</p> <p>Default settings: Dimmer group 1 Auto Day/Night Shift at 70% Monitoring supply voltage 1</p>		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	<p>Digital Dimmer Required: DX1 in Slot 1</p> <p>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</p> <p>Default settings: Dimmer group 1 Shared on XDi-net Monitoring supply voltage 1</p>		Digital input configuration can be changed from menu.

PP No.	PP Name	Description	Status	Notes
5	PP05 Lo Analog	<p>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 XDi-net) Monitoring supply voltage 1</p>		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 ECR Fixed	<p>ECR Fixed Dimmer Fixed dimming setting adjust via setup buttons. Front button option can be used. Default settings: Dimmer group Local Dimmer level 80% to extend backlight life (Local - Not shared XDi-net) Auto Day/Night Shift at 20% Monitoring supply voltage 1</p>		Default fixed dimmer level is reduced to 80% 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.

Timestamp 20-05-2026 11.37.16

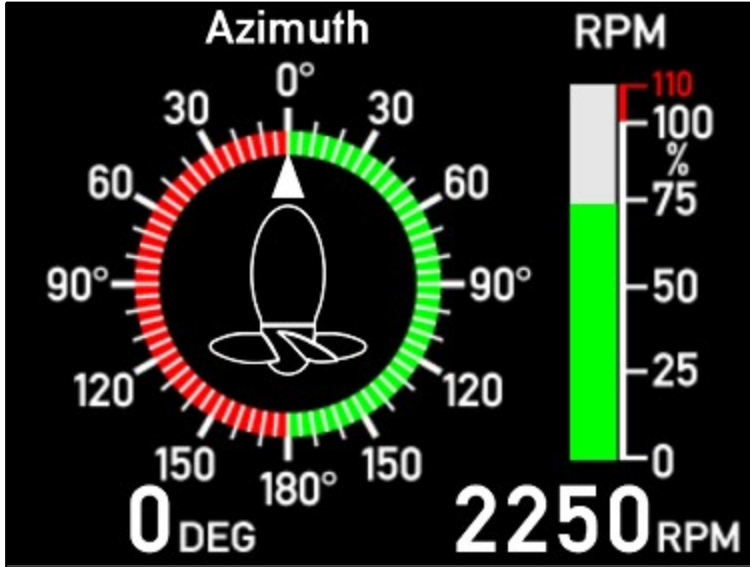
VI No.	Name	VI-setup profiles (VS)	Approvals	Status
001	AZI 1 FWD	5		
002	AZI 1 AFT	5		
003	AZI 2 FWD	5		
004	AZI 2 AFT	5		
005	AZI 3 FWD	5		
006	AZI 3 AFT	5		
007	AZI 4 FWD	5		
008	AZI 4 AFT	5		
009	AZI 5 FWD	4		
010	AZI 5 AFT	4		
011	AZI 6 FWD	4		
012	AZI 6 AFT	4		
013	AZI only FWD PULL	5		
014	AZI only AFT PULL	5		
015	AZI only FWD PUSH	5		
016	AZI only AFT PUSH	5		

Approvals only apply for XDi 192.

Timestamp 20-05-2026 11.37.16

VI 001

AZI 1 FWD



Description : AZI 1 FWD

PUSHING TYPE





Standard Azimuth Pointer
±180 deg. 0° up
With digital readout
RPM 0...110%
Actual digital RPM 0...3276

Status :




VI Notes :

VI-setup profiles (VS) for VI001

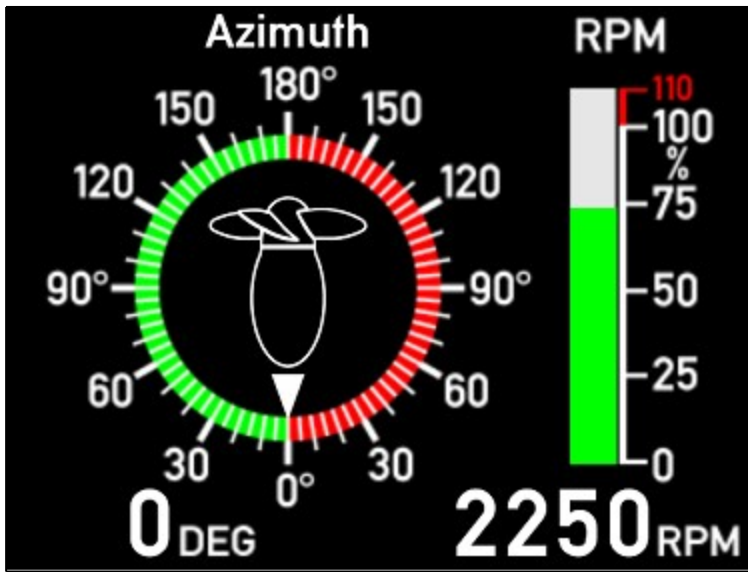
VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	<p>Input XDi-net</p> <p>Azimuth: XDi-net</p> <p>RPM/RPM%: XDi-net</p>		<p>The XDi-net profile is used when the indicator is a repeater, receiving data from other XDi units or from a CAN controller providing data in XDi-net format.</p> <p>Please note 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.</p>
2	VS02 TPDO	<p>Input TPDO</p> <p>Azimuth: TPDO (RTC)</p> <p>RPM/RPM%: TPDO</p>		<p>TPDO COBID can be changed to any valid TPDO or RPDO COBID via the XDi installation menu.</p> <p>TPDO input can be scaled from menu.</p> <p>This profile can also be used for XDi-net input, if a combination of TPDO and XDi-net is used.</p> <p>TPDO input can be disabled to run pure XDi-net.</p>
3	VS03 2 CAN	<p>2 CAN/Analog</p> <p>Required: AX1 in Slot 1</p> <p>Azimuth: TPDO(RTC)/XDi</p> <p>RPM/RPM%: AX1 S1i2: 4-20mA (+term5, -term4)</p> <p>Input lost detection &lt;3.5mA</p>		<p>COBID and input data scaling can be changed from the XDi installation menu.</p> <p>Analogue input type and scaling can be changes from XDi installation menu.</p> <p>If you change input type or input range remember to change input error value max and min. (Default set to 3500µA and 21000µA)</p>
4	VS04 Analog	<p>Analog inputs</p> <p>Required: AX1 in Slot 1</p> <p>Azimuth: AX1 S1i1: 4-20mA (+term9, -term8)</p> <p>RPM/RPM%: AX1 S1i2: 4-20mA (+term5, -term4)</p> <p>Input lost detection &lt;3.5mA</p>		<p>Analogue input type and scaling can be changes from XDi installation menu.</p> <p>If you change input type or input range remember to change input error value max and min. (Default set to 3500µA and 21000µA)</p>

VI-setup profiles (VS) for VI001

VS No.	Name	Description	Status	Notes
5	VS05 RTC/RPM	RTC/RPM Required: DX1 in Slot 1 Azimuth:TPDO(RTC)/XDi RPM/RPM%: DX1 S1i1: Signal (+term 11, -term10)		COBID and input data scaling can be changed from the XDi installation menu Digital RPM input scaling can be changes from XDi installation menu.

VI 002

AZI 1 AFT



Description : AZI 1 AFT

PUSHING TYPE

Standard Azimuth Pointer
 ±180 deg. 0° Down
 With digital readout
 RPM 0...110%
 Actual digital RPM 0...3276




Status :

VI Notes :

VI-setup profiles (VS) for VI002

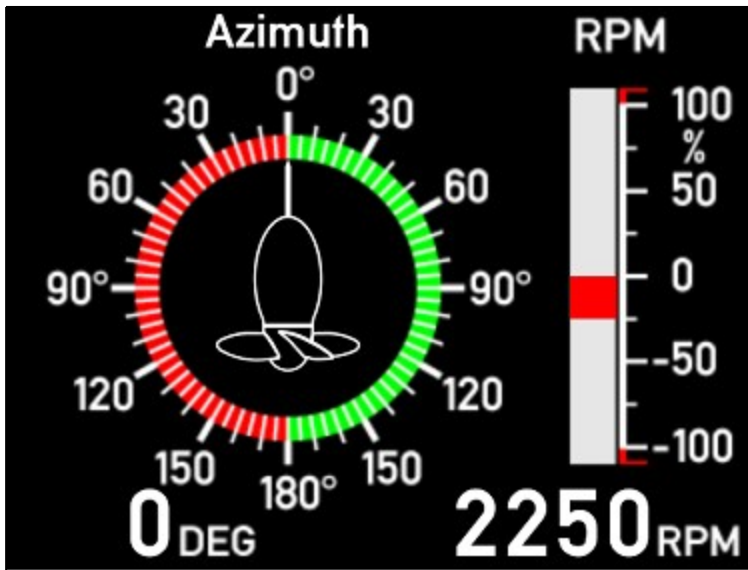
VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	Input XDi-net Azimuth: XDi-net RPM/RPM%: XDi-net		See similar VS profile for VI001
2	VS02 TPDO	Input TPDO Azimuth: TPDO (RTC) RPM/RPM%: TPDO		See similar VS profile for VI001

VI-setup profiles (VS) for VI002

VS No.	Name	Description	Status	Notes
3	VS03 2 CAN	2 CAN/Analog Required: AX1 in Slot 1 Azimuth: TPDO(RTC)/XDi RPM/RPM%: AX1 S1i2: 4-20mA (+term5, -term4) Input lost detection <3.5mA		See similar VS profile for VI001
4	VS04 Analog	Analog inputs Required: AX1 in Slot 1 Azimuth: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM%: AX1 S1i2: 4-20mA (+term5, -term4) Input lost detection <3.5mA		See similar VS profile for VI001
5	VS05 RTC/RPM	RTC/RPM Required: DX1 in Slot 1 Azimuth: TPDO(RTC)/XDi RPM/RPM%: DX1 S1i1: Signal (+term 11, -term10)		See similar VS profile for VI001

VI 003

AZI 2 FWD



Description : AZI 2 FWD

PUSHING TYPE

Dynamic Azimuth Pointer
 ±180 deg. 0° up
 With digital readout
 RPM ±110%
 Actual digital RPM ±3276




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

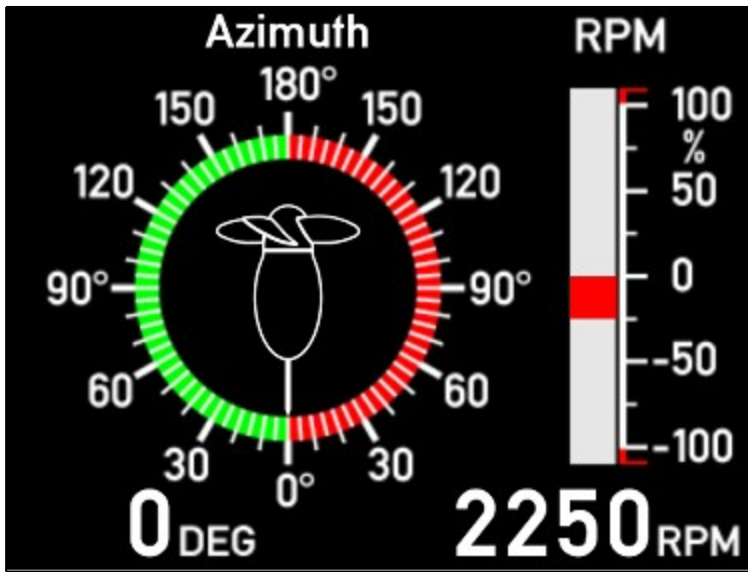
VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	Input XDi-net Azimuth: XDi-net RPM/RPM%: XDi-net		See similar VS profile for VI001
2	VS02 TPDO	Input TPDO Azimuth: TPDO (RTC) RPM/RPM%: TPDO		See similar VS profile for VI001

VI-setup profiles (VS) for VI003

VS No.	Name	Description	Status	Notes
3	VS03 2 CAN	2 CAN/Analog Required: AX1 in Slot 1 Azimuth: TPDO(RTC)/XDi RPM/RPM%: AX1 S1i2: 4-20mA (+term5, -term4) Input lost detection <3.5mA		See similar VS profile for VI001
4	VS04 Analog	Analog inputs Required: AX1 in Slot 1 Azimuth: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM%: AX1 S1i2: 4-20mA (+term5, -term4) Input lost detection <3.5mA		See similar VS profile for VI001
5	VS05 RTC/RPM	RTC/RPM Required: DX1 in Slot 1 Azimuth: TPDO(RTC)/XDi RPM/RPM%: DX1 S1i1: (+term 11, -term10) S1i2: (+term8,- term7)		See similar VS profile for VI001

VI 004

AZI 2 AFT



Description : AZI 2 AFT

PUSHING TYPE

Dynamic Azimuth Pointer
 ±180 deg. 0° Down
 With digital readout
 RPM ±110%
 Actual digital RPM ±3276




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

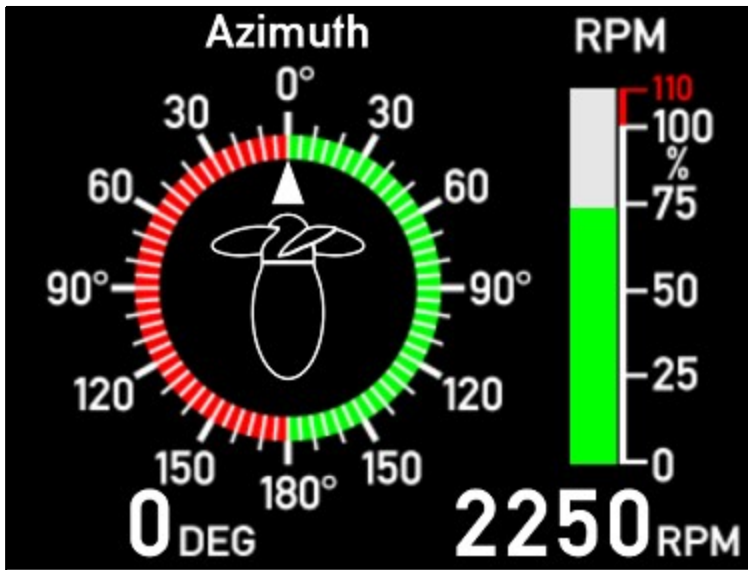
VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	Input XDi-net Azimuth: XDi-net RPM/RPM%: XDi-net		See similar VS profile for VI001
2	VS02 TPDO	Input TPDO Azimuth: TPDO (RTC) RPM/RPM%: TPDO		See similar VS profile for VI001

VI-setup profiles (VS) for VI004

VS No.	Name	Description	Status	Notes
3	VS03 2 CAN	2 CAN/Analog Required: AX1 in Slot 1 Azimuth: TPDO(RTC)/XDi RPM/RPM%: AX1 S1i2: 4-20mA (+term5, -term4) Input lost detection <3.5mA		See similar VS profile for VI001
4	VS04 Analog	Analog inputs Required: AX1 in Slot 1 Azimuth: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM%: AX1 S1i2: 4-20mA (+term5, -term4) Input lost detection <3.5mA		See similar VS profile for VI001
5	VS05 RTC/RPM	RTC/RPM Required: DX1 in Slot 1 Azimuth: TPDO(RTC)/XDi RPM/RPM%: DX1 S1i1: (+term 11, -term10) S1i2: (+term8, - term7)		See similar VS profile for VI001

VI 005

AZI 3 FWD



Description : AZI 3 FWD

PULLING TYPE

Standard Azimuth Pointer
 ±180 deg. 0° up
 With digital readout
 RPM 0...110%
 Actual digital RPM 0...3276




Status :

VI Notes :

VI-setup profiles (VS) for VI005

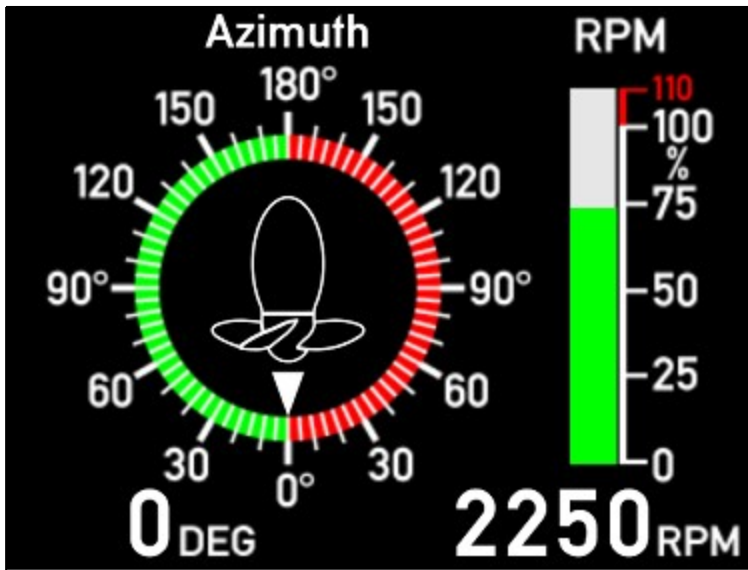
VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	Input XDi-net Azimuth: XDi-net RPM/RPM%: XDi-net		See similar VS profile for VI001
2	VS02 TPDO	Input TPDO Azimuth: TPDO (RTC) RPM/RPM%: TPDO		See similar VS profile for VI001

VI-setup profiles (VS) for VI005

VS No.	Name	Description	Status	Notes
3	VS03 2 CAN	2 CAN/Analog Required: AX1 in Slot 1 Azimuth: TPDO(RTC)/XDi RPM/RPM%: AX1 S1i2: 4-20mA (+term5, -term4) Input lost detection <3.5mA		See similar VS profile for VI001
4	VS04 Analog	Analog inputs Required: AX1 in Slot 1 Azimuth: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM%: AX1 S1i2: 4-20mA (+term5, -term4) Input lost detection <3.5mA		See similar VS profile for VI001
5	VS05 RTC/RPM	RTC/RPM Required: DX1 in Slot 1 Azimuth: TPDO(RTC)/XDi RPM/RPM%: DX1 S1i1: Signal (+term 11, -term10)		See similar VS profile for VI001

VI 006

AZI 3 AFT



Description : AZI 3 AFT

PULLING TYPE

Standard Azimuth Pointer
±180 deg. 0° Down
With digital readout
RPM 0...110%
Actual digital RPM 0...3276

Status :






VI Notes :

VI-setup profiles (VS) for VI006

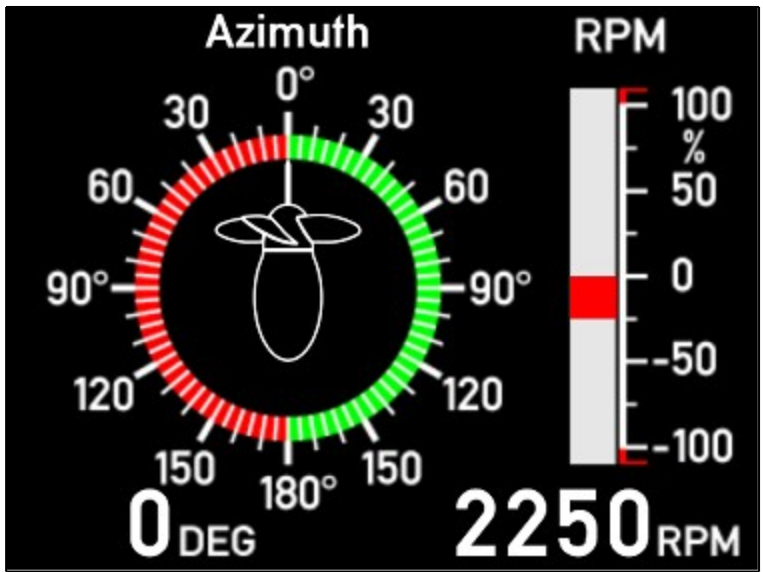
VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	Input XDi-net Azimuth: XDi-net RPM/RPM%: XDi-net		See similar VS profile for VI001
2	VS02 TPDO	Input TPDO Azimuth: TPDO (RTC) RPM/RPM%: TPDO		See similar VS profile for VI001

VI-setup profiles (VS) for VI006

VS No.	Name	Description	Status	Notes
3	VS03 2 CAN	2 CAN/Analog Required: AX1 in Slot 1 Azimuth: TPDO(RTC)/XDi RPM/RPM%: AX1 S1i2: 4-20mA (+term5, -term4) Input lost detection <3.5mA		See similar VS profile for VI001
4	VS04 Analog	Analog inputs Required: AX1 in Slot 1 Azimuth: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM%: AX1 S1i2: 4-20mA (+term5, -term4) Input lost detection <3.5mA		See similar VS profile for VI001
5	VS05 RTC/RPM	RTC/RPM Required: DX1 in Slot 1 Azimuth: TPDO(RTC)/XDi RPM/RPM%: DX1 S1i1: Signal (+term 11, -term10)		See similar VS profile for VI001

VI 007

AZI 4 FWD



Description : AZI 4 FWD

PULLING TYPE

Dynamic Azimuth Pointer
 ±180 deg. 0° up
 With digital readout
 RPM ±110%
 Actual digital RPM ±3276




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

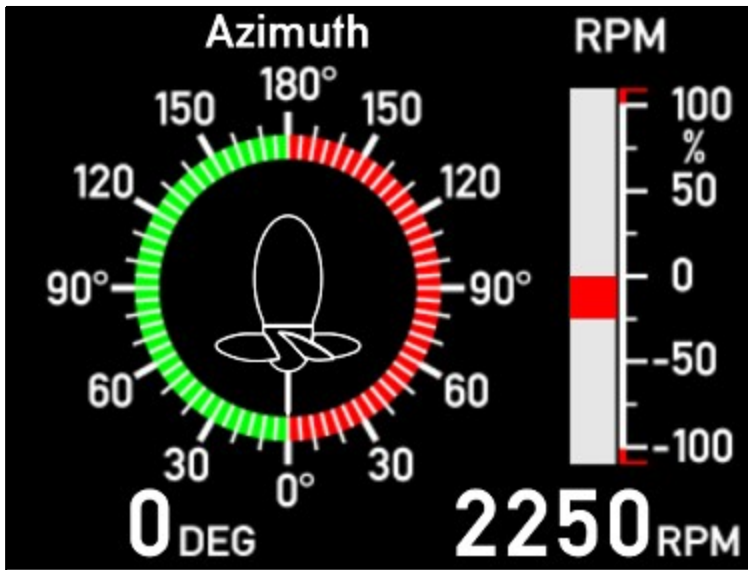
VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	Input XDi-net Azimuth: XDi-net RPM/RPM%: XDi-net		See similar VS profile for VI001
2	VS02 TPDO	Input TPDO Azimuth: TPDO (RTC) RPM/RPM%: TPDO		See similar VS profile for VI001

VI-setup profiles (VS) for VI007

VS No.	Name	Description	Status	Notes
3	VS03 2 CAN	2 CAN/Analog Required: AX1 in Slot 1 Azimuth: TPDO(RTC)/XDi RPM/RPM%: AX1 S1i2: 4-20mA (+term5, -term4) Input lost detection <3.5mA		See similar VS profile for VI001
4	VS04 Analog	Analog inputs Required: AX1 in Slot 1 Azimuth: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM%: AX1 S1i2: 4-20mA (+term5, -term4) Input lost detection <3.5mA		See similar VS profile for VI001
5	VS05 RTC/RPM	RTC/RPM Required: DX1 in Slot 1 Azimuth: TPDO(RTC)/XDi RPM/RPM%: DX1 S1i1: (+term 11, -term10) S1i2: (+term8,- term7)		See similar VS profile for VI001

VI 008

AZI 4 AFT



Description : AZI 4 AFT

PULLING TYPE



Dynamic Azimuth Pointer
 ±180 deg. 0° Down
 With digital readout
 RPM ±110%
 Actual digital RPM ±3276

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

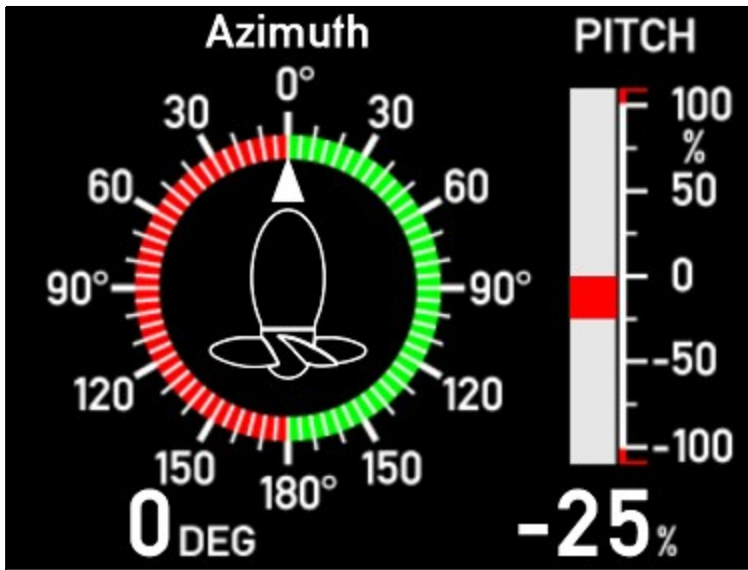
VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	Input XDi-net Azimuth: XDi-net RPM/RPM%: XDi-net		See similar VS profile for VI001
2	VS02 TPDO	Input TPDO Azimuth: TPDO (RTC) RPM/RPM%: TPDO		See similar VS profile for VI001

VI-setup profiles (VS) for VI008

VS No.	Name	Description	Status	Notes
3	VS03 2 CAN	2 CAN/Analog Required: AX1 in Slot 1 Azimuth: TPDO(RTC)/XDi RPM/RPM%: AX1 S1i2: 4-20mA (+term5, -term4) Input lost detection <3.5mA		See similar VS profile for VI001
4	VS04 Analog	Analog inputs Required: AX1 in Slot 1 Azimuth: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM%: AX1 S1i2: 4-20mA (+term5, -term4) Input lost detection <3.5mA		See similar VS profile for VI001
5	VS05 RTC/RPM	RTC/RPM Required: DX1 in Slot 1 Azimuth: TPDO(RTC)/XDi RPM/RPM%: DX1 S1i1: (+term 11, -term10) S1i2: (+term8,- term7)		See similar VS profile for VI001

VI 009

AZI 5 FWD



Description : AZI 5 FWD

PUSHING TYPE

Standard Azimuth Pointer
±180 deg. 0° up
With digital readout
PITCH ±110%
Digital PITCH ±200%

Status :





VI Notes :

VI-setup profiles (VS) for VI009

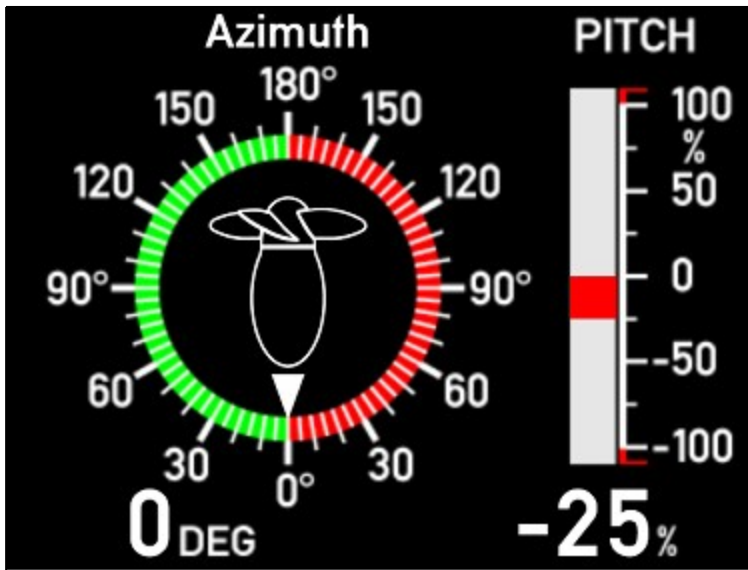
VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	Input XDi-net Azimuth: XDi-net PITCH%: XDi-net		See similar VS profile for VI001
2	VS02 TPDO	Input TPDO Azimuth: TPDO (RTC) PITCH%: TPDO		See similar VS profile for VI001

VI-setup profiles (VS) for VI009

VS No.	Name	Description	Status	Notes
3	VS03 2 CAN	2 CAN/Analog Required: AX1 in Slot 1 Azimuth: TPDO(RTC)/XDi PITCH%: AX1 S1i1: 4-20mA (+term9, -term8) Input lost detection <3.5mA		See similar VS profile for VI001
4	VS04 Analog	Analog inputs Required: AX1 in Slot 1 Azimuth: AX1 S1i1: 4-20mA (+term9, -term8) PITCH%: AX1 S1i2: 4-20mA (+term5, -term4) Input lost detection <3.5mA		See similar VS profile for VI001

VI 010

AZI 5 AFT



Description : AZI 5 AFT

PUSHING TYPE

Standard Azimuth Pointer
±180 deg. 0° down
With digital readout
PITCH ±110%
Digital PITCH ±200%

Status :





VI Notes :

VI-setup profiles (VS) for VI010

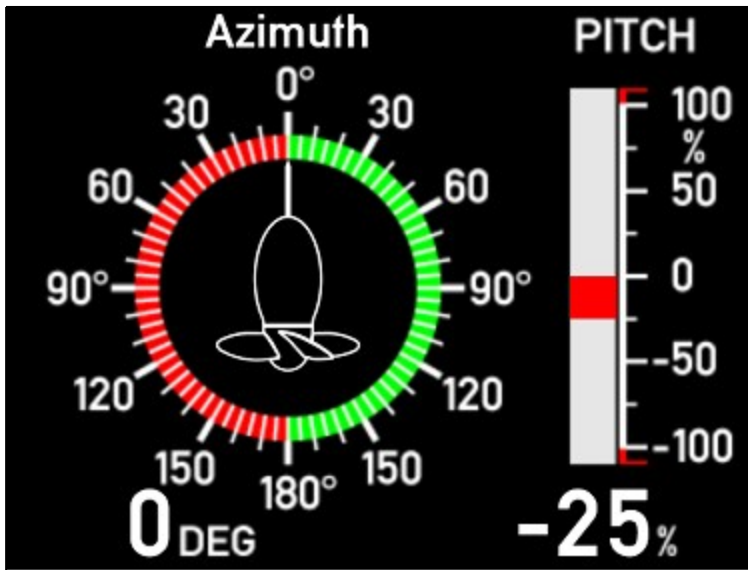
VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	Input XDi-net Azimuth: XDi-net PITCH%: XDi-net		See similar VS profile for VI001
2	VS02 TPDO	Input TPDO Azimuth: TPDO (RTC) PITCH%: TPDO		See similar VS profile for VI001

VI-setup profiles (VS) for VI010

VS No.	Name	Description	Status	Notes
3	VS03 2 CAN	2 CAN/Analog Required: AX1 in Slot 1 Azimuth: TPDO(RTC)/XDi PITCH%: AX1 S1i1: 4-20mA (+term9, -term8) Input lost detection <3.5mA		See similar VS profile for VI001
4	VS04 Analog	Analog inputs Required: AX1 in Slot 1 Azimuth: AX1 S1i1: 4-20mA (+term9, -term8) PITCH%: AX1 S1i2: 4-20mA (+term5, -term4) Input lost detection <3.5mA		See similar VS profile for VI001

VI 011

AZI 6 FWD



Description : AZI 6 FWD

PUSHING TYPE

Dynamic azimuth pointer
 ±180 deg. 0° up
 With digital readout
 PITCH ±110%
 Digital PITCH ±200%

Status :





VI Notes :

VI-setup profiles (VS) for VI011

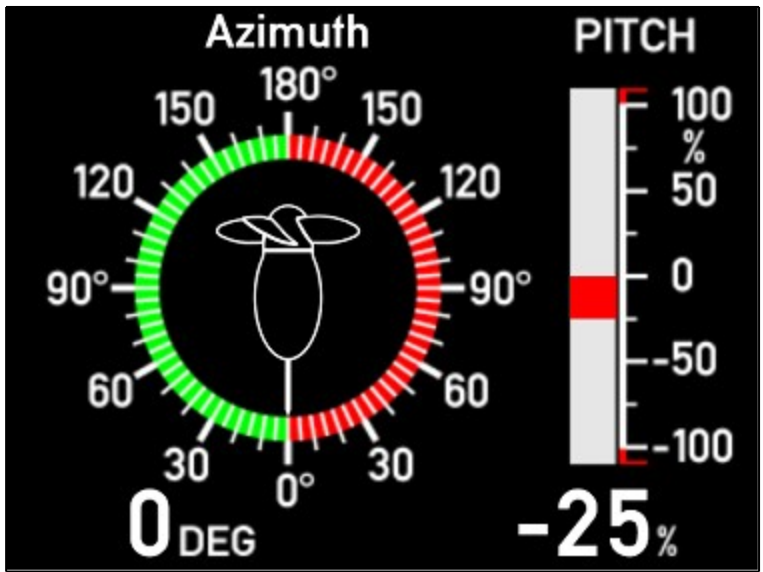
VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	Input XDi-net Azimuth: XDi-net PITCH%: XDi-net		See similar VS profile for VI001
2	VS02 TPDO	Input TPDO Azimuth: TPDO (RTC) PITCH%: TPDO		See similar VS profile for VI001

VI-setup profiles (VS) for VI011

VS No.	Name	Description	Status	Notes
3	VS03 2 CAN	2 CAN/Analog Required: AX1 in Slot 1 Azimuth: TPDO(RTC)/XDi PITCH%: AX1 S1i1: 4-20mA (+term9, -term8) Input lost detection <3.5mA		See similar VS profile for VI001
4	VS04 Analog	Analog inputs Required: AX1 in Slot 1 Azimuth: AX1 S1i1: 4-20mA (+term9, -term8) PITCH%: AX1 S1i2: 4-20mA (+term5, -term4) Input lost detection <3.5mA		See similar VS profile for VI001

VI 012

AZI 6 AFT



Description : AZI 6 AFT

PUSHING TYPE

Dynamic azimuth pointer
 ±180 deg. 0° down
 With digital readout
 PITCH ±110%
 Digital PITCH ±200%

Status :





VI Notes :

VI-setup profiles (VS) for VI012

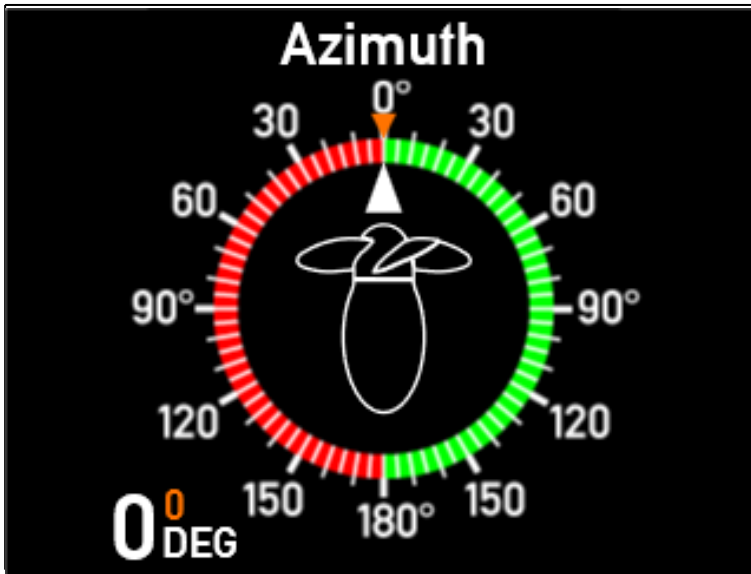
VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	Input XDi-net Azimuth: XDi-net PITCH%: XDi-net		See similar VS profile for VI001
2	VS02 TPDO	Input TPDO Azimuth: TPDO (RTC) PITCH%: TPDO		See similar VS profile for VI001

VI-setup profiles (VS) for VI012

VS No.	Name	Description	Status	Notes
3	VS03 2 CAN	2 CAN/Analog Required: AX1 in Slot 1 Azimuth: TPDO(RTC)/XDi PITCH%: AX1 S1i1: 4-20mA (+term9, -term8) Input lost detection <3.5mA		See similar VS profile for VI001
4	VS04 Analog	Analog inputs Required: AX1 in Slot 1 Azimuth: AX1 S1i1: 4-20mA (+term9, -term8) PITCH%: AX1 S1i2: 4-20mA (+term5, -term4) Input lost detection <3.5mA		See similar VS profile for VI001

VI 013

AZI only FWD PULL



Description : AZI Only FWD



PULLING TYPE

Standard Azimuth Pointer
±180 deg. 0° up with set-points, and digital readout.
Set-point can be disabled from menu




Status : 

VI Notes : To disable Set point:
1. Go to Install menu->Indicators->Indicator: AZISET
2. Highlight "Visible:" press OK
3. Select "Off" and press OK
4. Press back until operating screen is reached

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		
2	VS02 TPDO	All input data via TPDO or XDi-net Azimuth: TPDO (0x181, B 0) Azimuth set-point: TPDO (0x1A1, B 0)		

VI-setup profiles (VS) for VI013

VS No.	Name	Description	Status	Notes
3	VS03 Analog	Analog inputs Required: AX1 in Slot 1 Azimuth: AX1 S1i1: 4-20mA (+term9, -term8) Azimuth Set: AX1 S1i2: 4-20mA (+term5, -term4) Input lost detection <3.5mA		
4	VS04 SIN/COS	Analogue SIN/COS Required: AX1 in Slot 1 Azimuth: AX1 S1i1+2: ±10V SIN/COS (SIN term11, COS term7, GND term1) Azimuth set-point: TPDO or XDi-net		
5	VS05 2 x Lin.potm.	Dual linear potmeter for azi. Required: AX1 in Slot 1 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: TPDO or XDi-net		

VI 014

AZI only AFT PULL



Description : AZI Only AFT (PULL)



PULLING TYPE

Standard Azimuth Pointer
±180 deg. 0° up with set-points, and digital readout.
Set-point can be disabled from menu




Status : 

VI Notes : To disable Set point:
1. Go to Install menu->Indicators->Indicator: AZISET
2. Highlight "Visible:" press OK
3. Select "Off" and press OK
4. Press back until operating screen is reached

VI-setup profiles (VS) for VI014

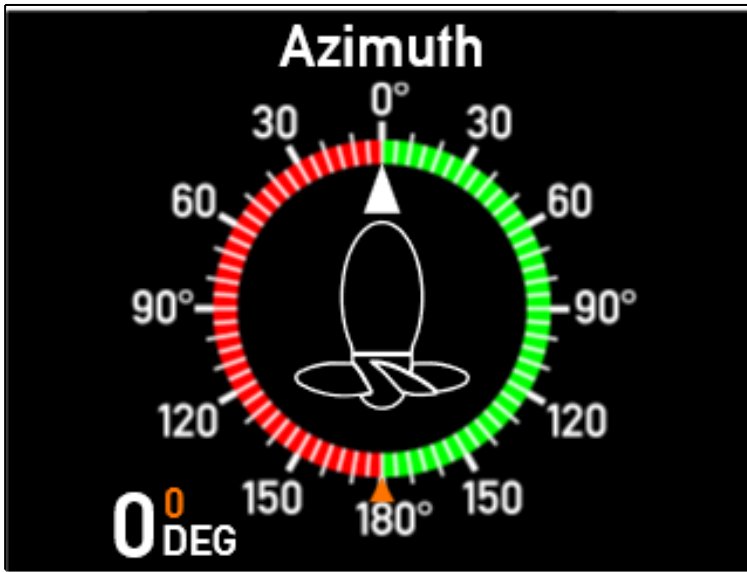
VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	All input data via XDi-net Azimuth: XDi-net Azimuth set-point: XDi-net		
2	VS02 TPDO	All input data via TPDO or XDi-net Azimuth: TPDO (0x181, B 0) Azimuth set-point: TPDO (0x1A1, B 0)		

VI-setup profiles (VS) for VI014

VS No.	Name	Description	Status	Notes
3	VS03 Analog	Analog inputs Required: AX1 in Slot 1 Azimuth: AX1 S1i1: 4-20mA (+term9, -term8) Azimuth Set: AX1 S1i2: 4-20mA (+term5, -term4) Input lost detection <3.5mA		
4	VS04 SIN/COS	Analogue SIN/COS Required: AX1 in Slot 1 Azimuth: AX1 S1i1+2: ±10V SIN/COS (SIN term11, COS term7, GND term1) Azimuth set-point: TPDO or XDi-net		
5	VS05 2 x Lin.potm.	Dual linear potmeter for azi. Required: AX1 in Slot 1 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: TPDO or XDi-net		

VI 015

AZI only FWD PUSH



Description : AZI Only FWD



PUSHING TYPE

Standard Azimuth Pointer
±180 deg. 0° up with set-points, and digital readout.
Set-point can be disabled from menu




Status : 

VI Notes : To disable Set point:
1. Go to Install menu->Indicators->Indicator: AZISET
2. Highlight "Visible:" press OK
3. Select "Off" and press OK
4. Press back until operating screen is reached

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		
2	VS02 TPDO	All input data via TPDO or XDi-net Azimuth: TPDO (0x181, B 0) Azimuth set-point: TPDO (0x1A1, B 0)		

VI-setup profiles (VS) for VI015

VS No.	Name	Description	Status	Notes
3	VS03 Analog	Analog inputs Required: AX1 in Slot 1 Azimuth: AX1 S1i1: 4-20mA (+term9, -term8) Azimuth Set: AX1 S1i2: 4-20mA (+term5, -term4) Input lost detection <3.5mA		
4	VS04 SIN/COS	Analogue SIN/COS Required: AX1 in Slot 1 Azimuth: AX1 S1i1+2: ±10V SIN/COS (SIN term11, COS term7, GND term1) Azimuth set-point: TPDO or XDi-net		
5	VS05 2 x Lin.potm.	Dual linear potmeter for azi. Required: AX1 in Slot 1 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: TPDO or XDi-net		

VI 016

AZI only AFT PUSH



Description : AZI Only AFT



PUSHING TYPE

Standard Azimuth Pointer
±180 deg. 0° up with set-points, and digital readout.
Set-point can be disabled from menu



Status : 

VI Notes : To disable Set point:
1. Go to Install menu->Indicators->Indicator: AZISET
2. Highlight "Visible:" press OK
3. Select "Off" and press OK
4. Press back until operating screen is reached

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		
2	VS02 TPDO	All input data via TPDO or XDi-net Azimuth: TPDO (0x181, B 0) Azimuth set-point: TPDO (0x1A1, B 0)		

VI-setup profiles (VS) for VI016

VS No.	Name	Description	Status	Notes
3	VS03 Analog	Analog inputs Required: AX1 in Slot 1 Azimuth: AX1 S1i1: 4-20mA (+term9, -term8) Azimuth Set: AX1 S1i2: 4-20mA (+term5, -term4) Input lost detection <3.5mA		
4	VS04 SIN/COS	Analogue SIN/COS Required: AX1 in Slot 1 Azimuth: AX1 S1i1+2: ±10V SIN/COS (SIN term11, COS term7, GND term1) Azimuth set-point: TPDO or XDi-net		
5	VS05 2 x Lin.potm.	Dual linear potmeter for azi. Required: AX1 in Slot 1 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: TPDO or XDi-net	