



Improve
Tomorrow

XDi 144/192 Dual

Revolutions (+RPM)



Library owner: DEIF STANDARD LIB

Library number: 42

Library version: 2008

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Library description :

This XDi Dual library contains a selection of virtual indicators (VI) presenting single direction RPM (0...X RPM).

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 analogue 4-20mA inputs has a input lost (below 3.5mA) and over current (above 21mA) function that will give a warning, if you change the input type or input level, remember to change the error levels as well ! (default 3500µA and 21000µA)

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 25-09-2025 12:51:28

Library Specification

Library owner no. : 000001
Library owner name : DEIF STANDARD LIB
Product type : XDi 144/192
Performance class : Dual
Library number : 42
Library name : Revolutions (+RPM)
Library orientation : Landscape
Library status : Released & Locked
Library version : 2008

Last changed : 25-09-2025 12:51:20

Library default settings :

180 display rotation : False
CAN NodeID : 30

Library notes :

25-09-2025/JOL, Ver.2008: Added TPDO output of RPM to all relevant VS profiles.

08-02-2023/SJS, Ver. 2007: 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.

14-07-2022/JOL, Ver.2006: Library is moved to Xdi main software platform 2. Front button dimming is added.

Analogue 4-20mA input lost is added to all VS profiles where relevant.

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Ver. 0005: Max backlight level is reduced from 250 to 225 in XDi192 (only) to increase backlight lifetime at high operating temperatures.
It can be increased to 250 again via XDi user menu.

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

Timestamp 25-09-2025 12:51:28

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 not be >90% Default settings: XDi-net active Dimmer group: Local Dimming via XDi-net 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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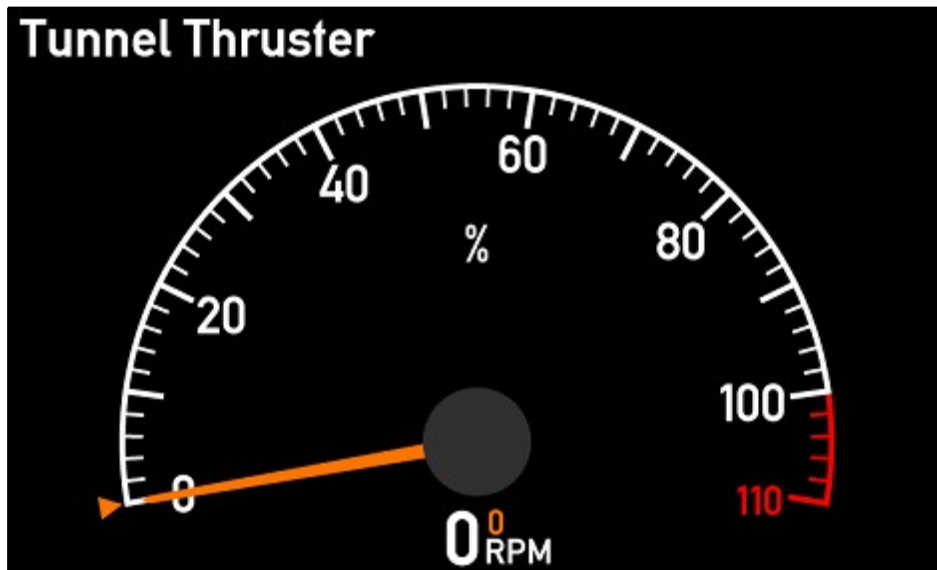
VI No.	Name	VI-setup profiles (VS)	Approvals	Status
001	0...110% RPM	5	 	
002	Reserved	1	 	
003	Reserved	1	 	
004	0...100 RPM	5	 	
005	0...125 RPM	5	 	
006	0...150 RPM	5	 	
007	0...200 RPM	5	 	
008	0...250 RPM	5	 	
009	0...300 RPM	5	 	
010	0...350 RPM	5	 	
011	0...400 RPM	5	 	
012	0...450 RPM	5	 	
013	0...500 RPM	5	 	

 Approvals only apply for XDi 192.

Timestamp 25-09-2025 12:51:28

VI 001

0...110% RPM

**Description :** RPM/0...110%RPM

For thruster or main propeller/engine

Propeller RPM% 0...110%

Actual RPM range ± 3276 digital readout

With selectable headline

With set point (can be disabled)

Status :**VI Notes :**

The RPM% scale can be configured from the XDi menu to match different input values.
This makes this indicator quite universal.

VI-setup profiles (VS) for VI001

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	Input 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 Support for NX1 NMEA out: Slot 2

VI-setup profiles (VS) for VI001

VS No.	Name	Description	Status	Notes
2	VS02 TPDO	Input TPDO or XDnet RPM/RPM%: TPDO RPM/RPM% set-point: TPDO		TPDO COBID can be changed to any valid TPDO or RPDO COBID via the XDnet installation menu. TPDO input can be scaled from menu. This profile can also be used for XDnet input, if a combination of TPDO and XDnet is used. TPDO input can be disabled to run pure XDnet. Support for NX1 NMEA out: Slot 2
3	VS03 Analogue	Analogue Required: AX1 in Slot 1 RPM/RPM%: AX1 S1i1: 4-20mA (+term9, -term8) RPM/RPM% set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM and RPM% can be activated from Output menu: RPM: 0x183 Byte 0 and 1 RPM%: 0x188 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		RPM / RPM% can be scaled and the analogue input type can be changes from XDnet installation menu. If you change input type or input range remember to change input error value max and min. (Default set to 3500µA and 21000µA) Support for NX1 NMEA out: Slot 2
4	VS04 RTC Pickup	RTC Pickup Required: AX1 in slot 1 and DX1 in Slot 2 RPM/RPM%: DX1 S2i1: (+term11, -term10) RPM/RPM% set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM and RPM% can be activated from Output menu: RPM: 0x183 Byte 0 and 1 RPM%: 0x188 Byte 0 and 1 Both 16 bit signed with 0.1 resolution		Digital RPM input scaling can be changes from XDnet installation menu. The RPM/RPM% setpoint can be rescaled and input type changed via the installation menu. If you change input type or input range remember to change input error value max and min. (Default set to 3500µA and 21000µA)

VI-setup profiles (VS) for VI001

VS No.	Name	Description	Status	Notes
5	VS05 Analogue Set	Analogue Set Required: AX1 in Slot 1 RPM/RPM%: TPDO Default: 100% =2000.0RPM (20000) RPM/RPM% set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA		The RPM/RPM% can be rescaled and COBID changed via installation menu. The RPM/RPM% setpoint can be rescaled and the input type changed from the installation menu. If you change input type or input range remember to change input error value max and min. (Default set to 3500µA and 21000µA) Support for NX1 NMEA out: Slot 2

VI 002

Reserved



Description : Reserved

Reserved for future use

Status : 

VI Notes :

VI-setup profiles (VS) for VI002

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

VI 003

Reserved



Description : Reserved

Reserved for future use

Status : 

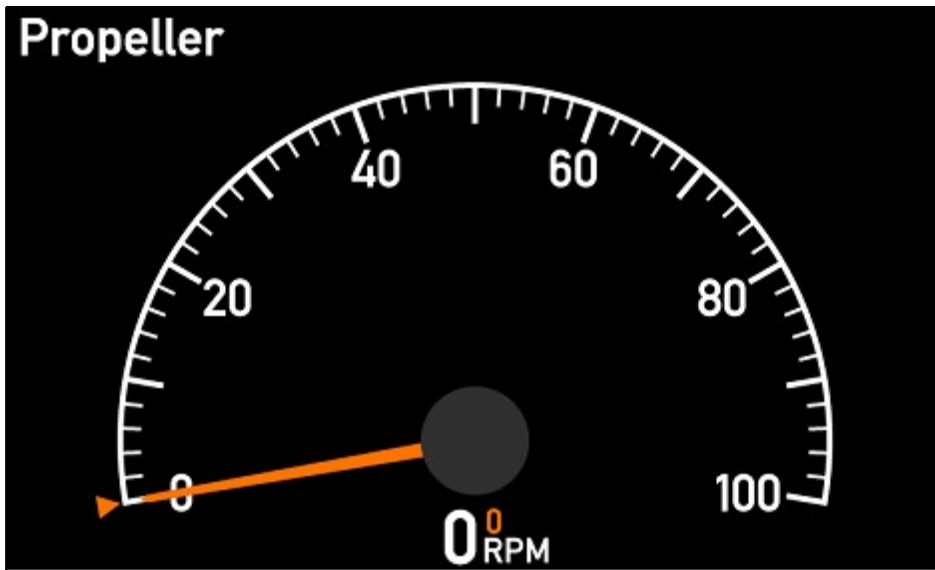
VI Notes :

VI-setup profiles (VS) for VI003

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

VI 004

0...100 RPM

**Description :** 0...100 RPM

For thruster or main propeller/engine

Propeller RPM 0....100

Actual RPM range ± 3276 digital readout

With selectable headline

With set point (can be disabled)

Status :**VI Notes :****VI-setup profiles (VS) for VI004**

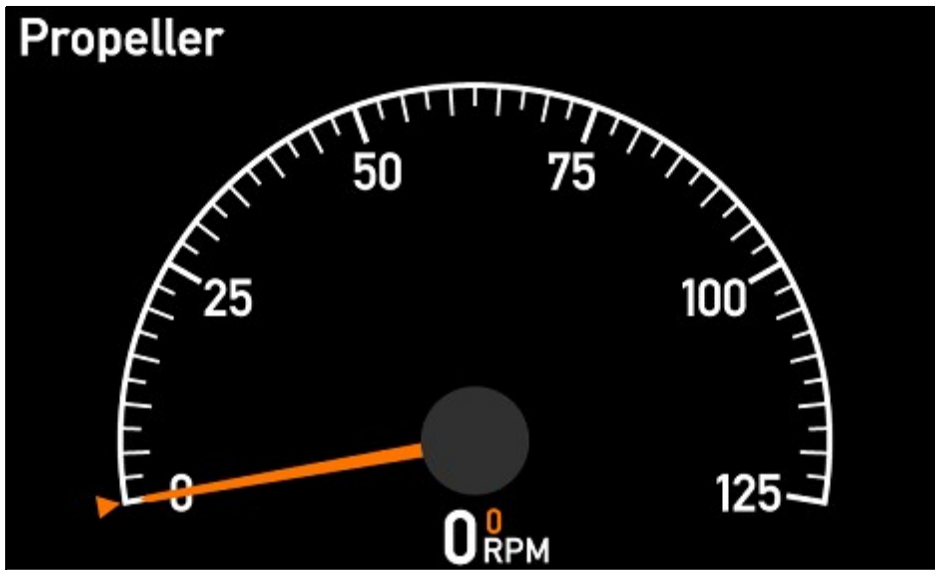
VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	Input XDi-net		See similar VS profile for VI001
		RPM: XDi-net		
		RPM set-point: XDi-net		
2	VS02 TPDO	Input TPDO or XDi-net		See similar VS profile for VI001
		RPM: TPDO		
		RPM set-point: TPDO		

VI-setup profiles (VS) for VI004

VS No.	Name	Description	Status	Notes
3	VS03 Analogue	Analogue Required: AX1 in Slot 1 RPM: AX1 S1i1: 4-20mA (+term9, -term8) RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM and RPM% can be activated from Output menu: RPM: 0x183 Byte 0 and 1 16 bit signed with 0.1 resolution		See similar VS profile for VI001
4	VS04 RTC Pickup	RTC Pickup Required: AX1 in slot 1 and DX1 in Slot 2 RPM: DX1 S2i1: (+term11, -term10) RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM and RPM% can be activated from Output menu: RPM: 0x183 Byte 0 and 1 16 bit signed with 0.1 resolution		See similar VS profile for VI001
5	VS05 Analogue Set	Analogue Set Required: AX1 in Slot 1 RPM: TPDO RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA		See similar VS profile for VI001

VI 005

0...125 RPM

**Description :** 0...125 RPM

For thruster or main propeller/engine

Propeller RPM 0....125

Actual RPM range ± 3276 digital readout

With selectable headline

With set point (can be disabled)

Status :**VI Notes :****VI-setup profiles (VS) for VI005**

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	Input XDi-net RPM: XDi-net RPM set-point: XDi-net		See similar VS profile for VI001
2	VS02 TPDO	Input TPDO or XDi-net RPM: TPDO RPM set-point: TPDO		See similar VS profile for VI001

VI-setup profiles (VS) for VI005

VS No.	Name	Description	Status	Notes
3	VS03 Analogue	Analogue Required: AX1 in Slot 1 RPM: AX1 S1i1: 4-20mA (+term9, -term8) RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM and RPM% can be activated from Output menu: RPM: 0x183 Byte 0 and 1 16 bit signed with 0.1 resolution		See similar VS profile for VI001
4	VS04 RTC Pickup	RTC Pickup Required: AX1 in slot 1 and DX1 in Slot 2 RPM: DX1 S2i1: (+term11, -term10) RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM and RPM% can be activated from Output menu: RPM: 0x183 Byte 0 and 1 16 bit signed with 0.1 resolution		See similar VS profile for VI001
5	VS05 Analogue Set	Analogue Set Required: AX1 in Slot 1 RPM: TPDO RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA		See similar VS profile for VI001

VI 006

0...150 RPM

**Description :** 0...150 RPM

For thruster or main propeller/engine

Propeller RPM 0....150

Actual RPM range ± 3276 digital readout

With selectable headline

With set point (can be disabled)

Status :**VI Notes :****VI-setup profiles (VS) for VI006**

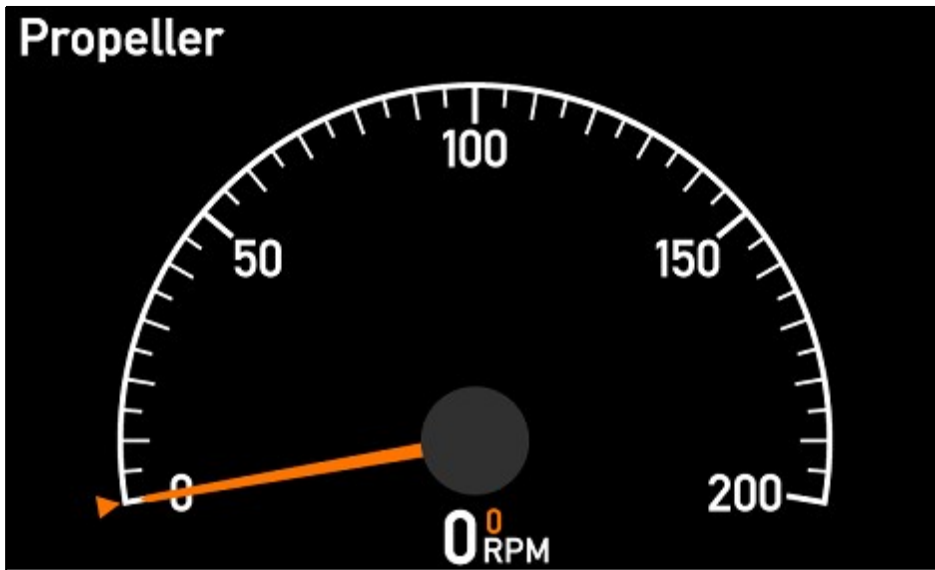
VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	Input XDi-net		See similar VS profile for VI001
		RPM: XDi-net		
		RPM set-point: XDi-net		
2	VS02 TPDO	Input TPDO or XDi-net		See similar VS profile for VI001
		RPM: TPDO		
		RPM set-point: TPDO		

VI-setup profiles (VS) for VI006

VS No.	Name	Description	Status	Notes
3	VS03 Analogue	Analogue Required: AX1 in Slot 1 RPM: AX1 S1i1: 4-20mA (+term9, -term8) RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM and RPM% can be activated from Output menu: RPM: 0x183 Byte 0 and 1 16 bit signed with 0.1 resolution		See similar VS profile for VI001
4	VS04 RTC Pickup	RTC Pickup Required: AX1 in slot 1 and DX1 in Slot 2 RPM: DX1 S2i1: (+term11, -term10) RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM and RPM% can be activated from Output menu: RPM: 0x183 Byte 0 and 1 16 bit signed with 0.1 resolution		See similar VS profile for VI001
5	VS05 Analogue Set	Analogue Set Required: AX1 in Slot 1 RPM: TPDO RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA		See similar VS profile for VI001

VI 007

0...200 RPM

**Description :** 0...200 RPM

For thruster or main propeller/engine

Propeller RPM 0...200

Actual RPM range ± 3276 digital readout

With selectable headline

With set point (can be disabled)

Status :**VI Notes :****VI-setup profiles (VS) for VI007**

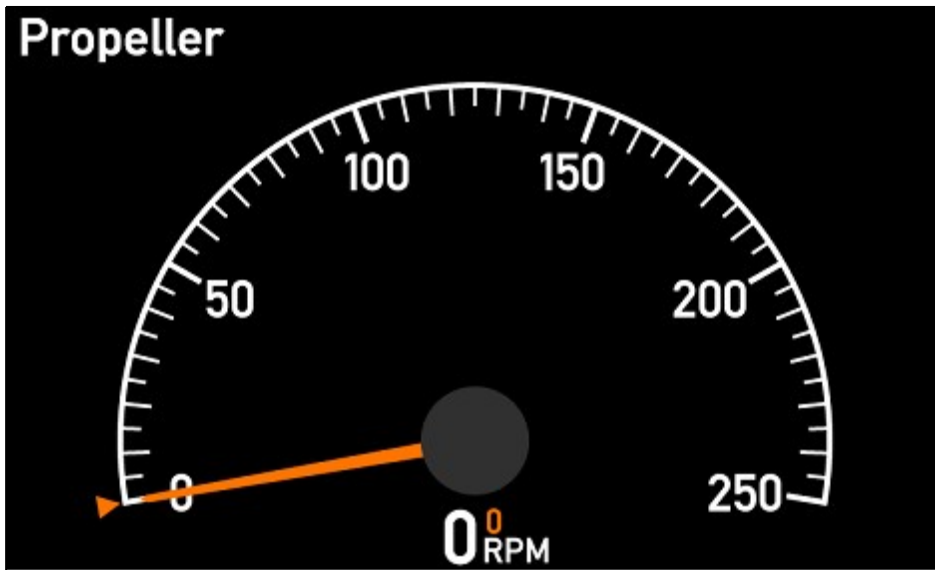
VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	Input XDi-net RPM: XDi-net RPM set-point: XDi-net		See similar VS profile for VI001
2	VS02 TPDO	Input TPDO or XDi-net RPM: TPDO RPM set-point: TPDO		See similar VS profile for VI001

VI-setup profiles (VS) for VI007

VS No.	Name	Description	Status	Notes
3	VS03 Analogue	Analogue Required: AX1 in Slot 1 RPM: AX1 S1i1: 4-20mA (+term9, -term8) RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM and RPM% can be activated from Output menu: RPM: 0x183 Byte 0 and 1 16 bit signed with 0.1 resolution		See similar VS profile for VI001
4	VS04 RTC Pickup	RTC Pickup Required: AX1 in slot 1 and DX1 in Slot 2 RPM: DX1 S2i1: (+term11, -term10) RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM and RPM% can be activated from Output menu: RPM: 0x183 Byte 0 and 1 16 bit signed with 0.1 resolution		See similar VS profile for VI001
5	VS05 Analogue Set	Analogue Set Required: AX1 in Slot 1 RPM: TPDO RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA		See similar VS profile for VI001

VI 008

0...250 RPM

**Description :** 0...250 RPM

For thruster or main propeller/engine

Propeller RPM 0...250

Actual RPM range ± 3276 digital readout

With selectable headline

With set point (can be disabled)

Status :**VI Notes :****VI-setup profiles (VS) for VI008**

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	Input XDi-net RPM: XDi-net RPM set-point: XDi-net		See similar VS profile for VI001
2	VS02 TPDO	Input TPDO or XDi-net RPM: TPDO RPM set-point: TPDO		See similar VS profile for VI001

VI-setup profiles (VS) for VI008

VS No.	Name	Description	Status	Notes
3	VS03 Analogue	Analogue Required: AX1 in Slot 1 RPM: AX1 S1i1: 4-20mA (+term9, -term8) RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM and RPM% can be activated from Output menu: RPM: 0x183 Byte 0 and 1 16 bit signed with 0.1 resolution		See similar VS profile for VI001
4	VS04 RTC Pickup	RTC Pickup Required: AX1 in slot 1 and DX1 in Slot 2 RPM: DX1 S2i1: (+term11, -term10) RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM and RPM% can be activated from Output menu: RPM: 0x183 Byte 0 and 1 16 bit signed with 0.1 resolution		See similar VS profile for VI001
5	VS05 Analogue Set	Analogue Set Required: AX1 in Slot 1 RPM: TPDO RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA		See similar VS profile for VI001

VI 009

0...300 RPM

**Description :** 0...300 RPM

For thruster or main propeller/engine

Propeller RPM 0...300

Actual RPM range ± 3276 digital readout

With selectable headline

With set point (can be disabled)

Status :**VI Notes :****VI-setup profiles (VS) for VI009**

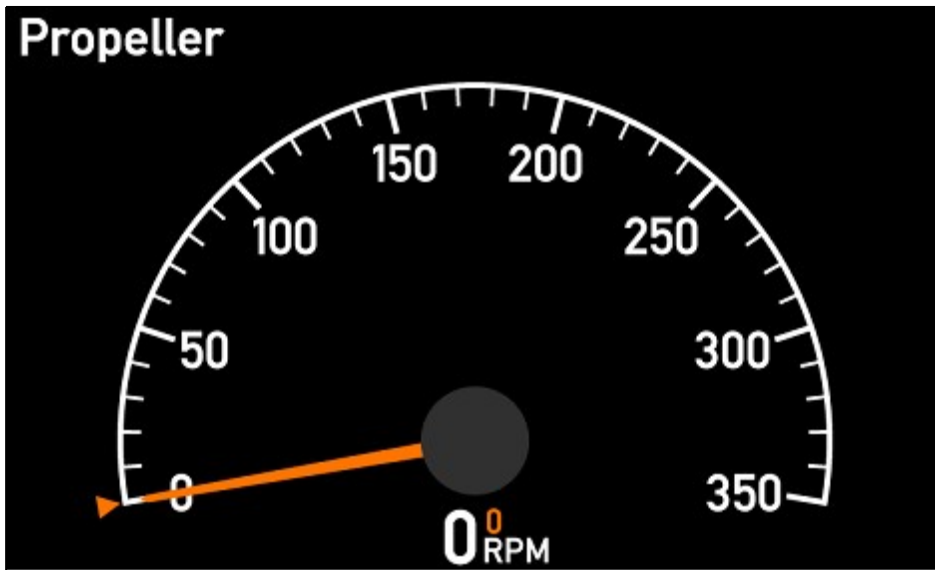
VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	Input XDi-net		See similar VS profile for VI001
		RPM: XDi-net		
		RPM set-point: XDi-net		
2	VS02 TPDO	Input TPDO or XDi-net		See similar VS profile for VI001
		RPM: TPDO		
		RPM set-point: TPDO		

VI-setup profiles (VS) for VI009

VS No.	Name	Description	Status	Notes
3	VS03 Analogue	Analogue Required: AX1 in Slot 1 RPM: AX1 S1i1: 4-20mA (+term9, -term8) RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM and RPM% can be activated from Output menu: RPM: 0x183 Byte 0 and 1 16 bit signed with 0.1 resolution		See similar VS profile for VI001
4	VS04 RTC Pickup	RTC Pickup Required: AX1 in slot 1 and DX1 in Slot 2 RPM: DX1 S2i1: (+term11, -term10) RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM and RPM% can be activated from Output menu: RPM: 0x183 Byte 0 and 1 16 bit signed with 0.1 resolution		See similar VS profile for VI001
5	VS05 Analogue Set	Analogue Set Required: AX1 in Slot 1 RPM: TPDO RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA		See similar VS profile for VI001

VI 010

0...350 RPM

**Description :** 0...350 RPM

For thruster or main propeller/engine

Propeller RPM 0...350

Actual RPM range ± 3276 digital readout

With selectable headline

With set point (can be disabled)

Status :**VI Notes :****VI-setup profiles (VS) for VI010**

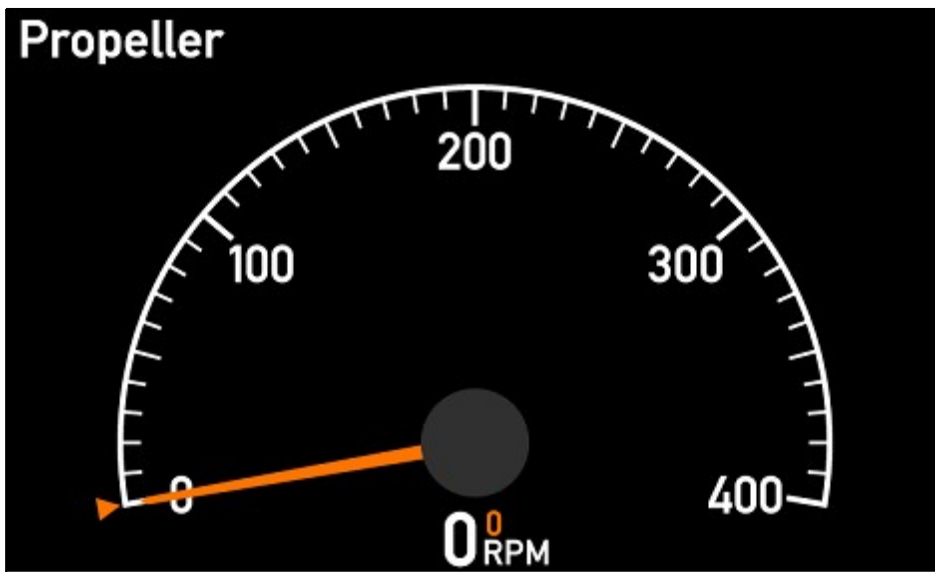
VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	Input XDi-net		See similar VS profile for VI001
		RPM: XDi-net		
		RPM set-point: XDi-net		
2	VS02 TPDO	Input TPDO or XDi-net		See similar VS profile for VI001
		RPM: TPDO		
		RPM set-point: TPDO		

VI-setup profiles (VS) for VI010

VS No.	Name	Description	Status	Notes
3	VS03 Analogue	Analogue Required: AX1 in Slot 1 RPM: AX1 S1i1: 4-20mA (+term9, -term8) RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM and RPM% can be activated from Output menu: RPM: 0x183 Byte 0 and 1 16 bit signed with 0.1 resolution		See similar VS profile for VI001
4	VS04 RTC Pickup	RTC Pickup Required: AX1 in slot 1 and DX1 in Slot 2 RPM: DX1 S2i1: (+term11, -term10) RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM and RPM% can be activated from Output menu: RPM: 0x183 Byte 0 and 1 16 bit signed with 0.1 resolution		See similar VS profile for VI001
5	VS05 Analogue Set	Analogue Set Required: AX1 in Slot 1 RPM: TPDO RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA		See similar VS profile for VI001

VI 011

0...400 RPM

**Description :** 0...400 RPM

For thruster or main propeller/engine

Propeller RPM 0...400

Actual RPM range ± 3276 digital readout

With selectable headline

With set point (can be disabled)

Status :**VI Notes :****VI-setup profiles (VS) for VI011**

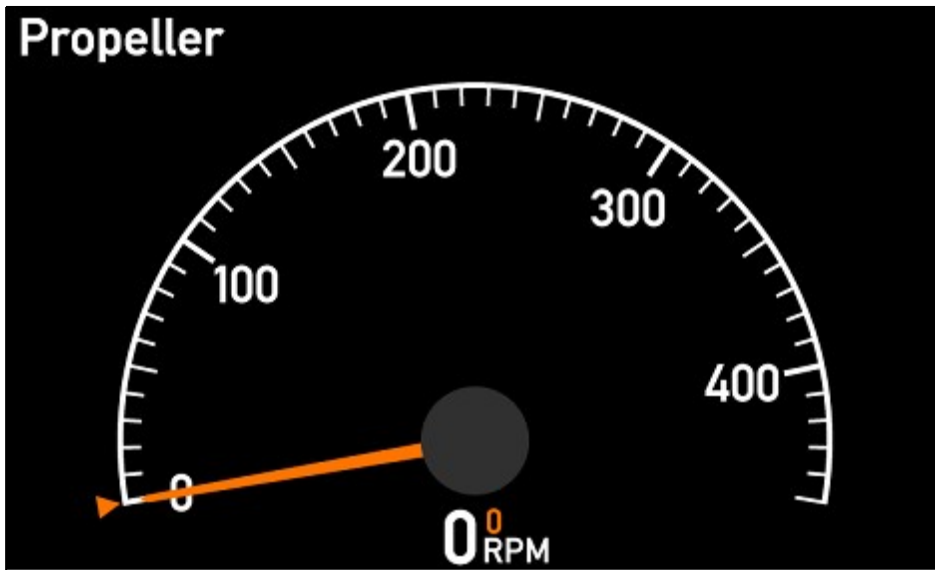
VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	Input XDi-net RPM: XDi-net RPM set-point: XDi-net		See similar VS profile for VI001
2	VS02 TPDO	Input TPDO or XDi-net RPM: TPDO RPM set-point: TPDO		See similar VS profile for VI001

VI-setup profiles (VS) for VI011

VS No.	Name	Description	Status	Notes
3	VS03 Analogue	Analogue Required: AX1 in Slot 1 RPM: AX1 S1i1: 4-20mA (+term9, -term8) RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM and RPM% can be activated from Output menu: RPM: 0x183 Byte 0 and 1 16 bit signed with 0.1 resolution		See similar VS profile for VI001
4	VS04 RTC Pickup	RTC Pickup Required: AX1 in slot 1 and DX1 in Slot 2 RPM: DX1 S2i1: (+term11, -term10) RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM and RPM% can be activated from Output menu: RPM: 0x183 Byte 0 and 1 16 bit signed with 0.1 resolution		See similar VS profile for VI001
5	VS05 Analogue Set	Analogue Set Required: AX1 in Slot 1 RPM: TPDO RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA		See similar VS profile for VI001

VI 012

0...450 RPM

**Description :** 0...450 RPM

For thruster or main propeller/engine

Propeller RPM 0...450

Actual RPM range ± 3276 digital readout

With selectable headline

With set point (can be disabled)

Status :**VI Notes :****VI-setup profiles (VS) for VI012**

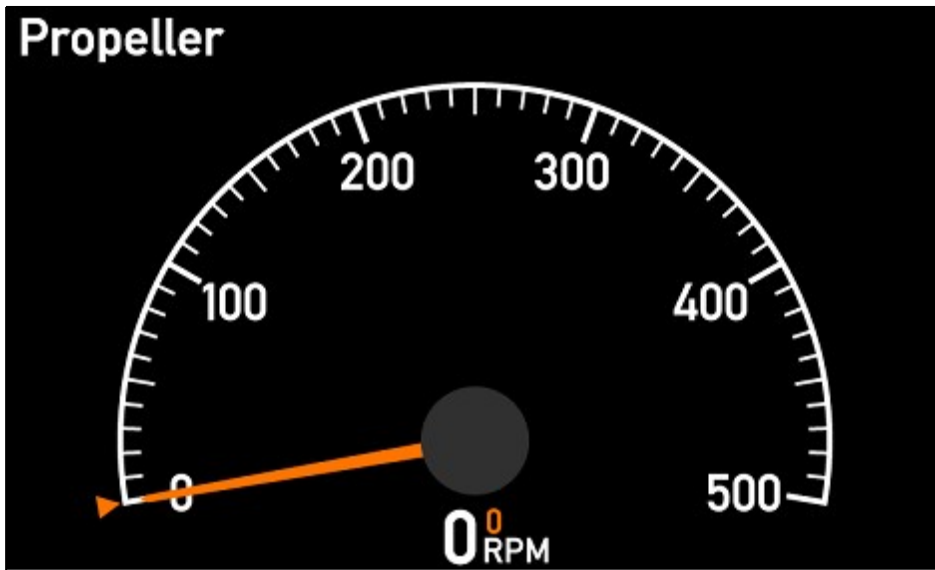
VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	Input XDi-net RPM: XDi-net RPM set-point: XDi-net		See similar VS profile for VI001
2	VS02 TPDO	Input TPDO or XDi-net RPM: TPDO RPM set-point: TPDO		See similar VS profile for VI001

VI-setup profiles (VS) for VI012

VS No.	Name	Description	Status	Notes
3	VS03 Analogue	Analogue Required: AX1 in Slot 1 RPM: AX1 S1i1: 4-20mA (+term9, -term8) RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM and RPM% can be activated from Output menu: RPM: 0x183 Byte 0 and 1 16 bit signed with 0.1 resolution		See similar VS profile for VI001
4	VS04 RTC Pickup	RTC Pickup Required: AX1 in slot 1 and DX1 in Slot 2 RPM: DX1 S2i1: (+term11, -term10) RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM and RPM% can be activated from Output menu: RPM: 0x183 Byte 0 and 1 16 bit signed with 0.1 resolution		See similar VS profile for VI001
5	VS05 Analogue Set	Analogue Set Required: AX1 in Slot 1 RPM: TPDO RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA		See similar VS profile for VI001

VI 013

0...500 RPM

**Description :** 0...500 RPM

For thruster or main propeller/engine

Propeller RPM 0...500

Actual RPM range ± 3276 digital readout

With selectable headline

With set point (can be disabled)

Status :**VI Notes :****VI-setup profiles (VS) for VI013**

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net	Input XDi-net		See similar VS profile for VI001
		RPM: XDi-net		
		RPM set-point: XDi-net		
2	VS02 TPDO	Input TPDO or XDi-net		See similar VS profile for VI001
		RPM: TPDO		
		RPM set-point: TPDO		

VI-setup profiles (VS) for VI013

VS No.	Name	Description	Status	Notes
3	VS03 Analogue	Analogue Required: AX1 in Slot 1 RPM: AX1 S1i1: 4-20mA (+term9, -term8) RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM and RPM% can be activated from Output menu: RPM: 0x183 Byte 0 and 1 16 bit signed with 0.1 resolution		See similar VS profile for VI001
4	VS04 RTC Pickup	RTC Pickup Required: AX1 in slot 1 and DX1 in Slot 2 RPM: DX1 S2i1: (+term11, -term10) RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA TPDO output for RPM and RPM% can be activated from Output menu: RPM: 0x183 Byte 0 and 1 16 bit signed with 0.1 resolution		See similar VS profile for VI001
5	VS05 Analogue Set	Analogue Set Required: AX1 in Slot 1 RPM: TPDO RPM set-point: AX1 S1i2: 4-20mA (+term5, -term4) AX1 input lost below 3.5mA		See similar VS profile for VI001