XDi 144/192 Dual

ROT w/NMEA

Library owner:	DEIF STANDARD NAV
Library number:	2
Library version:	2006

Table of Contents

Library description :
This standard library contains a number of Rate of Turn (ROT) indicators. Most virtual indicators are compliant whith MED / UK MER (Wheel-marked/UK Flag marked) when used in XDi 192. VI008 to VI010 has a special double scale indicator design making it compliant with MED and UK MER even when used in XDi 144 as well as in XDi 192. IMPORTANT NOTE: This DUAL library is opened for ROT input via NMEA0183 (IEC61162-1 or-2) using the NX2 NMEA i/o extension module (optional), this is not a normal feature in XDi Dual.

Library status symbols :	
🔒	Released & Locked
✔	Approved
➙	Pending
🅐	Draft
⊘	Not approved

Library Specification

Library owner no. :	000003
Library owner name :	DEIF STANDARD NAV
Product type :	XDi 144/192
Performance class :	Dual
Library number :	2
Library name :	ROT w/NMEA
Library orientation :	Landscape
Library status :	Released & Locked
Library version :	2006
Last changed :	26-01-2023 17:26:57

Library default settings :

180 display rotation :	False
CAN NodeID :	40

Library notes :

26-01-2023/JOL, ver.2006: Added VI008, VI009 and VI010 that is compliant with MED and UK MER also in XDi 144 size (The double scale is big enough to comply with ISO eve nin XDi 144).
The UK flag (UK MER) approval is added to all indicators that is compliant.
(It is the same VIs that are MED approval)

24-01-2023/JOL, ver.2005: Text in PP was stating that all NMEA heading data was supported, text is now correted so NMEA sentence ROT is the only sentence supported.

07-04-2022 / JOL, ver.2004: Due to MED scale size requirments this library is only available for XDi 192 D.
The XDi 144 library package is no longer available.

17-02-2022 / JOL, ver.2002: On relevant virtual indicators it is clarified in the VI description that: ONLY XDi 192 COMPLIES WITH MED !, this is due to the requirment for 120mm scale length.

07-04-2020 / JOL, ver.2001: VI003, VI006 an VI007 are updated to receive up to >=300deg/min via NMEA
4-20mA input lost function is added on all VS03 profiles, Error detection when input is <3.5mA.

07-04-2020 / JOL, ver.2001: This update support the new display colour adjust function located in the USER NEMU. This function makes it possible to adjust XDi displays to look the same.

16-04-2019/JOL, ver.2000: First released version.

DEIF

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

Timestamp   02-03-2023 08:48:51

PP No.	PP Name	Description	Status	Notes
1	PP01 XDi-net/front	**Dimming from front** and/or via XDi-net Dimmer from front buttons Default: Dim gr1. Auto day/night colour at 70%. RX/TX dimmer value on XDi-net. Supported NMEA sentences: Rate of turn: ROT Default: COM1 or 3 at 4.8 kbps Shares selected NMEA data on XDi-net	🔒	In an XDi-net system any XDi in a group can control the groups dimmer level when it uses this product profile. In the user menu the VI day/night mode can be set to automatic change or fixed night mode can be selected.
2	PP02 Analogue	**Analogue dimmer** AX1 module required on Slot 1 Dimmer potentiometer from Vref (term.3) to 0V (term.1) and wiper to term. 2. Default: Dim gr1. Auto Day/Night at 70%, Dim value shared on XDi-net Supported NMEA sentences: Rate of turn: ROT Default: COM1 or 3 at 4.8 kbps Shares selected NMEA data on XDi-net	🔒	In an XDi-net system one XDi with analogue dimmer input (AX1) can control the groups dimmer level Other Xdi units in the group should use PP03 (Default Gr.1. but can be changed).
3	PP03 NMEA Gr.1	**NMEA dimmer Gr.1** NX2 module is required for NMEA dimming Without NX2 dimming is via XDi-net. DIMMER GR. 1 Auto Day/Night at 70%, Dim value shared on XDi-net Supported NMEA sentences: Rate of turn: ROT Dimmer: DDC Default: COM1 or 3 at 4.8 kbps Shares selected NMEA data on XDi-net	🔒	In an XDi-net system any XDi in group 1 can control the groups dimmer level when it uses this product profile.

PP No.	PP Name	Description	Status	Notes
4	PP04 NMEA Gr.2	**NMEA dimmer Gr.2** NX2 module is required for NMEA dimming Without NX2 dimming is via XDi-net. DIMMER GR. 2 Auto Day/Night at 70%, Dim value shared on XDi-net Supported NMEA sentences: Rate of turn: ROT Dimmer: DDC Default: COM1 or 3 at 4.8 kbps Shares selected NMEA data on XDi-net	🔒	In an XDi-net system any XDi in group 2 can control the groups dimmer level when it uses this product profile.
5	PP05 NMEA Gr.3	**NMEA dimmer Gr.3** NX2 module is required for NMEA dimming Without NX2 dimming is via XDi-net. DIMMER GR. 3 Auto Day/Night at 70%, Dim value shared on XDi-net Supported NMEA sentences: Rate of turn: ROT Dimmer: DDC Default: COM1 or 3 at 4.8 kbps Shares selected NMEA data on XDi-net	🔒	In an XDi-net system any XDi in group 3 can control the groups dimmer level when it uses this product profile.
6	PP06 NMEA Gr.4	**NMEA dimmer Gr.4** NX2 module is required for NMEA dimming Without NX2 dimming is via XDi-net. DIMMER GR. 4 (to 6) Auto Day/Night at 70%, Dim value shared on XDi-net Supported NMEA sentences: Rate of turn: ROT Dimmer Gr. 4 to 6: DDC Default: COM1 or 3 at 4.8 kbps Shares selected NMEA data on XDi-net	🔒	In an XDi-net system any XDi in group 4 can control the groups dimmer level when it uses this product profile. You can setup NMEA control of Dimmer gr. 4, 5 and 6 in the NMEA input menu. In the user menu you can also change the dimmer group controlling this XDi unit.

PP No.	PP Name	Description	Status	Notes
7	PP07 NMEA Gr.1DC	**NMEA dimmer / colour Gr.1** NX2 module is required for NMEA dimming Without NX2 dimming is via XDi-net. DIMMER GR. 1 NMEA dimmer and Day/Night control Dim and Day/Night shared on XDi-net Supported NMEA sentences: Rate of turn: ROT Dimmer and Day/Night colour: DDC Default: COM1 or 3 at 4.8 kbps Shares selected NMEA data on XDi-net	🔒	In an XDi-net system any XDi in group 1 can control the groups dimmer level and Day/Night when it uses this product profile.
8	PP08 NMEA Gr.2DC	**NMEA dimmer / colour Gr.2** NX2 module is required for NMEA dimming Without NX2 dimming is via XDi-net. DIMMER GR. 2 NMEA dimmer and Day/Night control Dim and Day/Night shared on XDi-net Supported NMEA sentences: Rate of turn: ROT Dimmer and Day/Night colour: DDC Default: COM1 or 3 at 4.8 kbps Shares selected NMEA data on XDi-net	🔒	In an XDi-net system any XDi in group 2 can control the groups dimmer level and Day/Night, when it uses this product profile.
9	PP09 NMEA Gr.3DC	**NMEA dimmer / colour Gr.3** NX2 module is required for NMEA dimming Without NX2 dimming is via XDi-net. DIMMER GR. 3 NMEA dimmer and Day/Night control Dim and Day/Night shared on XDi-net Supported NMEA sentences: Rate of turn: ROT Dimmer and Day/Night colour: DDC Default: COM1 or 3 at 4.8 kbps Shares selected NMEA data on XDi-net	🔒	In an XDi-net system any XDi in group 3 can control the groups dimmer level and Day/Night when it uses this product profile.

PP No.	PP Name	Description	Status	Notes
10	PP10 NMEA Gr.4DC	**NMEA dimmer / colour Gr.4** NX2 module is required for NMEA dimming Without NX2 dimming is via XDi-net. DIMMER GR. 4 (to 6) NMEA dimmer and Day/Night control Dim and Day/Night shared on XDi-net Supported NMEA sentences: Rate of turn: ROT Dimmer and Day/Night colour, Gr. 4 to 6: DDC Default: COM1 or 3 at 4.8 kbps Shares selected NMEA data on XDi-net	🔒	In an XDi-net system any XDi in group 4 can control the groups dimmer level and Day/Night when it uses this product profile. You can setup NMEA control of Dimmer gr. 4, 5 and 6 in the NMEA input menu. In the user menu you can also change the dimmer group controlling this XDi unit.

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.

VI No.	Name	VI-setup profiles (VS)	Approvals	Status
001	± 30 FWD	3		
002	± 120 FWD	3		
003	± 300 FWD	3		
004	± 30 FWD 2	3		
005	± 120 FWD 2	3		
006	± 300 FWD 2	3		
007	± 30/300 FWD	3		
008	± 30, s144 FWD	3		
009	± 120, s144 FWD	3		
010	± 300, s144 FWD	3		

Approvals only apply for XDi 192.

VI 001	**± 30 FWD**

Description :   **ROT +/-30 Deg/min**

ONLY XDi 192 COMPLIES WITH MED/MER

Rate of turn ± 30 Deg/min
Digital readout max. ±100 Deg/min
(Depending of selected input type)

Status :   🔒

VI Notes :   The headline text and the label with source name can be changed from XDi menu.
The source name can also be set to invisible if it is obvious and therefore not needed.

VI-setup profiles (VS) for VI001

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net/NMEA	**NMEA or XDi-net** ROT via NMEA (Requires NX2 module on Slot 2) or XDi-net via CAN1 or CAN2 without NX2. Supported NMEA sentence: ROT Selectable source name label Selectable headline	🔒	If data exceeds +/-100.0 DEG/min the pointer and digital readout will disapear to indicate out of range.

VI-setup profiles (VS) for VI001

VS No.	Name	Description	Status	Notes
2	VS02 CAN	**TPDO** ROT via CAN TPDO Default: TPDO1: 0x18D 16 bit signed max. +/-1000 = 100.0 DEG/min received via CAN1 or 2 Selectable source name label Selectable headline	🔒	If data exceeds +/-100.0 DEG/min the pointer and digital readout will disapear to indicate out of range.
3	VS03 Analogue	**Analogue** Requires AX1 analogue module on Slot 1 Default settings: 4-20mA on input HI1 + term. 9, - term. 8 Scaled: 4 mA= -30 DEG/min (PS) 12 mA= 0 DEG/min 20 mA= 30 DEG/min (SB) Input lost detection below 3.5mA Data is shared on XDi-net Selectable source name label Selectable headline	🔒	Via the installation menu in XDi the input scaling and type can be changed. If data exceeds +/-100 DEG/min the pointer and digital readout disapears to indicate out of range. This can be increased via the XDi menu if digital readout >100.0 DEG/min (value 1000) is required (max value 1750)

VI 002	± 120 FWD

Description : **ROT +/-120 Deg/min**

ONLY XDi 192 COMPLIES WITH MED/MER

Rate of turn ± 120 Deg/min
Digital readout max. ±300 Deg/min
(Depending of selected input type)

Status : 🔒

VI Notes : The headline text and the label with source name can be changed from XDi menu.
The source name can also be set to invisible if it is obvious and therefore not needed.

VI-setup profiles (VS) for VI002

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net/NMEA	**NMEA or XDi-net** ROT via NMEA (Requires NX2 module on Slot 2) or XDi-net via CAN1 or CAN2 without NX2. Supported NMEA sentence: ROT Selectable source name label Selectable headline	🔒	If data exceeds +/-150.0 DEG/min the pointer and digital readout will disapear to indicate out of range.
2	VS02 CAN	**TPDO** ROT via CAN TPDO Default: TPDO1: 0x18D 16 bit signed max. +/-3000 = 300.0 DEG/min received via CAN1 or 2 Selectable source name label Selectable headline	🔒	If data exceeds +/-150.0 DEG/min the pointer and digital readout will disapear to indicate out of range.

VI-setup profiles (VS) for VI002

VS No.	Name	Description	Status	Notes
3	VS03 Analogue	**Analogue** Requires AX1 analogue module on Slot 1 Default settings: 4-20mA on input HI1 + term. 9, - term. 8 Scaled: 4 mA= -120 DEG/min (PS) 12 mA= 0 DEG/min 20 mA= 120 DEG/min (SB) Input lost detection below 3.5mA Data is shared on XDi-net Selectable source name label Selectable headline	🔒	If data exceeds +/-150 DEG/min the pointer and digital readout will disapear to indicate out of range. This can be increased via the XDi menu if digital readout >160.0 DEG/min (value 1600) is required (max 175.0, value 1750). If there is no input current (connection lost) then pointer and digital readout will be invisible. Via the installation menu in XDi the input type can be changed to Voltage and scaled f. ex. to +/-10.0V or 0 to 10V.

VI 003	± 300 FWD

Description : **ROT +/-300 Deg/min**

ONLY XDi 192 COMPLIES WITH MED/MER

Rate of turn ± 300 Deg/min
Digital readout max. ±350 Deg/min
(Depending of selected input type)

Status : 🔒

VI Notes : The headline text and the label with source name can be changed from XDi menu.
The source name can also be set to invisible if it is obvious and therefore not needed.

VI-setup profiles (VS) for VI003

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net/NMEA	**NMEA or XDi-net** ROT via NMEA (Requires NX2 module on Slot 2) or XDi-net via CAN1 or CAN2 without NX2. Selectable source name label Selectable headline	🔒	If data exceeds +/-350.0 DEG/min the pointer and digital readout will disapear to indicate out of range.
2	VS02 CAN	**TPDO** ROT via CAN TPDO Default: TPDO1: 0x18D 16 bit signed max. +/-3500 = 350.0 DEG/min received via CAN1 or 2 Selectable source name label Selectable headline	🔒	If data exceeds +/-350.0 DEG/min the pointer and digital readout will disapear to indicate out of range.

VI-setup profiles (VS) for VI003

VS No.	Name	Description	Status	Notes
3	VS03 Analogue	**Analogue** Requires AX1 analogue module on Slot 1 Default settings: 4-20mA on input HI1 + term. 9, - term. 8 Scaled: 4 mA= -300 DEG/min (PS) 12 mA= 0 DEG/min 20 mA= 300 DEG/min (SB) Input lost detection below 3.5mA Data is shared on XDi-net Selectable source name label Selectable headline	🔒	Via the installation menu in XDi the input scaling and type can be changed. If data exceeds +/-350 DEG/min the pointer and digital readout will disapear to indicate out of range. If there is no input current (connection lost) then pointer and digital readout will be invisible.

VI 004	± 30 FWD 2

Description :   **ROT-2 +/-30 Deg/min**

ONLY XDi 192 COMPLIES WITH MED/MER

Rate of turn ± 30 Deg/min
Digital readout max. ±100 Deg/min
(Depending of selected input type)

Status : 🔒

VI Notes :   The headline text and the label with source name can be changed from XDi menu.
The source name can also be set to invisible if it is obvious and therefore not needed.

VI-setup profiles (VS) for VI004

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net/NMEA	**NMEA or XDi-net** ROT via NMEA (Requires NX2 module on Slot 2) or XDi-net via CAN1 or CAN2 without NX2. Supported NMEA sentence: ROT Selectable source name label Selectable headline	🔒	See note for similar VS profile in VI001
2	VS02 CAN	**TPDO** ROT via CAN TPDO Default: TPDO1: 0x18D 16 bit signed max. +/-1000 = 100.0 DEG/min received via CAN1 or 2 Selectable source name label Selectable headline	🔒	See note for similar VS profile in VI001

VI-setup profiles (VS) for VI004

VS No.	Name	Description	Status	Notes
3	VS03 Analogue	**Analogue** Requires AX1 analogue module on Slot 1 Default settings: 4-20mA on input HI1 + term. 9, - term. 8 Scaled: 4 mA= -30 DEG/min (PS) 12 mA= 0 DEG/min 20 mA= 30 DEG/min (SB) Data is shared on XDi-net Selectable source name label Selectable headline	🔒	See note for similar VS profile in VI001

VI 005	± 120 FWD 2

Description : **ROT-2 +/-120 Deg/min**

ONLY XDi 192 COMPLIES WITH MED/MER

Rate of turn ± 120 Deg/min
Digital readout max. ±300 Deg/min
(Depending of selected input type)

Status : 🔒

VI Notes : The headline text and the label with source name can be changed from XDi menu.
The source name can also be set to invisible if it is obvious and therefore not needed.

VI-setup profiles (VS) for VI005

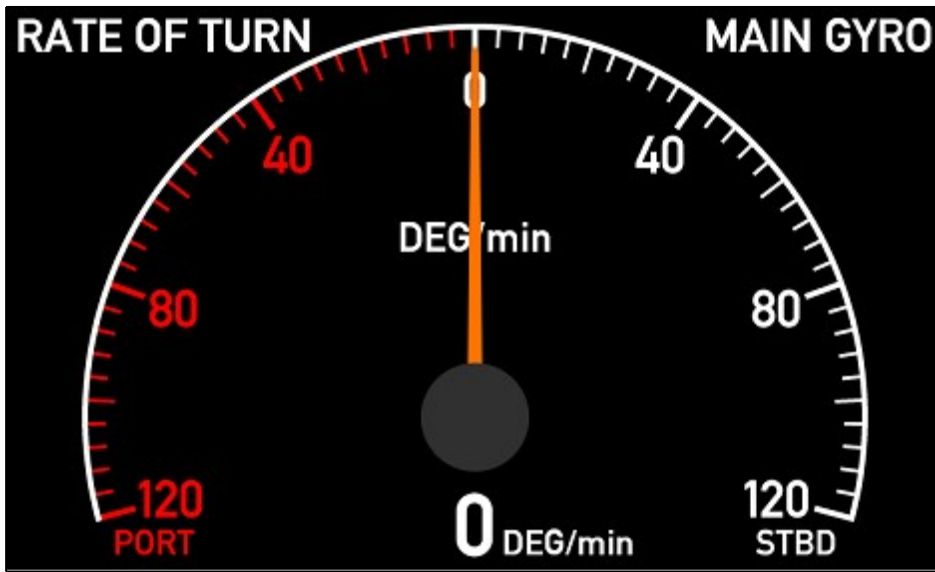| VS No.	Name	Description	Status	Notes
1	VS01 XDi-net/NMEA	**NMEA or XDi-net** ROT via NMEA (Requires NX2 module on Slot 2) or XDi-net via CAN1 or CAN2 without NX2. Supported NMEA sentence: ROT Selectable source name label Selectable headline	🔒	See note for similar VS profile in VI002
2	VS02 CAN	**TPDO** ROT via CAN TPDO Default: TPDO1: 0x18D 16 bit signed max. +/-3000 = 300.0 DEG/min received via CAN1 or 2 Selectable source name label Selectable headline	🔒	See note for similar VS profile in VI002

VI-setup profiles (VS) for VI005

VS No.	Name	Description	Status	Notes
3	VS03 Analogue	**Analogue** Requires AX1 analogue module on Slot 1 Default settings: 4-20mA on input HI1 + term. 9, - term. 8 Scaled: 4 mA= -120 DEG/min (PS) 12 mA= 0 DEG/min 20 mA= 120 DEG/min (SB) Input lost detection below 3.5mA Data is shared on XDi-net Selectable source name label Selectable headline	🔒	See note for similar VS profile in VI002

VI 006	± 300 FWD 2

Description : **ROT-2 +/-300 Deg/min**

ONLY XDi 192 COMPLIES WITH MED/MER

Rate of turn ± 300 Deg/min
Digital readout max. ±350 Deg/min
(Depending of selected input type)

Status : 🔒

VI Notes : The headline text and the label with source name can be changed from XDi menu.
The source name can also be set to invisible if it is obvious and therefore not needed.

VI-setup profiles (VS) for VI006

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net/NMEA	**NMEA or XDi-net** ROT via NMEA (Requires NX2 module on Slot 2) or XDi-net via CAN1 or CAN2 without NX2. Selectable source name label Selectable headline	🔒	See note for similar VS profile in VI003
2	VS02 CAN	**TPDO** ROT via CAN TPDO Default: TPDO1: 0x18D 16 bit signed max. +/-3500 = 350.0 DEG/min received via CAN1 or 2 Selectable source name label Selectable headline	🔒	See note for similar VS profile in VI003

VI-setup profiles (VS) for VI006

VS No.	Name	Description	Status	Notes
3	VS03 Analogue	**Analogue** Requires AX1 analogue module on Slot 1 Default settings: 4-20mA on input HI1 + term. 9, - term. 8 Scaled: 4 mA= -300 DEG/min (PS) 12 mA= 0 DEG/min 20 mA= 300 DEG/min (SB) Input lost detection below 3.5mA Data is shared on XDi-net Selectable source name label Selectable headline	🔒	See note for similar VS profile in VI003

VI 007	± 30/300 FWD
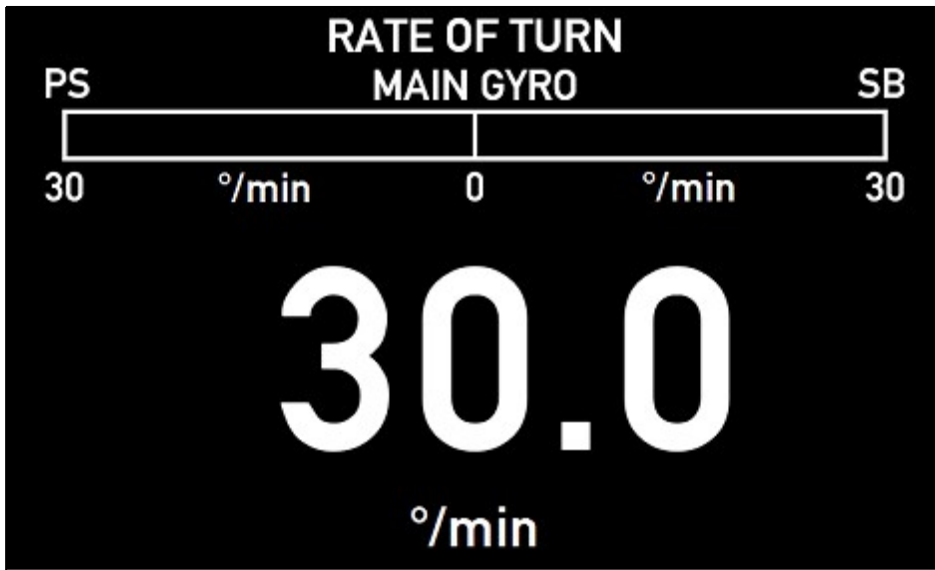
Description :   **ROT +/-30(300) Deg/min**

Not MED/MER Compliant !

Rate of turn ± 30 Deg/min
Digital readout max. ±300 Deg/min
(Depending of selected input type)

Status : 🔒

VI Notes :   Please note that this ROT indicator type cannot be wheelmarked, it can be used as a secondary indicator.
The headline text and the label with source name can be changed from XDi menu.
The source name can also be set to invisible if it is obvious and therefore not needed.

VI-setup profiles (VS) for VI007

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net/NMEA	**NMEA or XDi-net** ROT via NMEA (Requires NX2 module on Slot 2) or XDi-net via CAN1 or CAN2 without NX2. Supported NMEA sentence: ROT Selectable source name label Selectable headline	🔒	If data exceeds +/-170.0 DEG/min the pointer and digital readout will disapear to indicate out of range.

VI-setup profiles (VS) for VI007

VS No.	Name	Description	Status	Notes
2	VS02 CAN	**TPDO** ROT via CAN TPDO Default: TPDO1: 0x18D 16 bit signed max. +/-3000 = 300.0 DEG/min received via CAN1 or 2 Selectable source name label Selectable headline	🔒	If data exceeds +/-170.0 DEG/min the pointer and digital readout will disapear to indicate out of range.
3	VS03 Analogue	**Analogue** Requires AX1 analogue module on Slot 1 Default settings: 4-20mA on input HI1 + term. 9, - term. 8 Scaled: 4 mA= -30 DEG/min (PS) 12 mA= 0 DEG/min 20 mA= 30 DEG/min (SB) Input lost detection below 3.5mA Data is shared on XDi-net Selectable source name label Selectable headline	🔒	If data exceeds +/-40 DEG/min the pointer and digital readout will disapear to indicate out of range. This can be increased via the XDi menu if digital readout >40.0 DEG/min (value 400) is required (max 170.0, value 1700). If there is no input current (connection lost) then pointer and digital readout will be invisible. Via the installation menu in XDi the input type can be changed to Voltage and scaled f. ex. to +/-10.0V or 0 to 10V.

VI 008	± 30, s144 FWD

Description : **ROT144, +/-30 Deg/min**

XDi 144 and 192 complies with MED/MER

Rate of turn ± 30 Deg/min
Digital readout max. ±100 Deg/min
(Depending of selected input type)

Status : 🔒

VI Notes :

VI-setup profiles (VS) for VI008

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net/NMEA	**NMEA or XDi-net** ROT via NMEA (Requires NX2 module on Slot 2) or XDi-net via CAN1 or CAN2 without NX2. XDi-net index: 0x3AE1:02 Value +/- 3000 = 300.0 deg/min. Supported NMEA sentence: ROT Selectable source name label Selectable headline	🔒	

VI-setup profiles (VS) for VI008				
VS No.	**Name**	**Description**	**Status**	**Notes**
2	VS02 CAN TPDO	**CAN TPDO input** ROT via CAN TPDO Default: TPDO1: 0x18D 16 bit signed max. +/-3000 = 300.0 DEG/min received via CAN1 or 2 Selectable source name label Selectable headline	🔒	
3	VS03 Analogue	**Analogue input** Requires AX1 module on Slot 1 Default settings: 4-20mA on input HI1 + term. 9, - term. 8 Scaled: 4 mA= -30 DEG/min (PS) 12 mA= 0 DEG/min 20 mA= 30 DEG/min (SB) AX1 input lost below 3.5mA Data is shared on XDi-net Selectable source name label Selectable headline	🔒	

VI 009	± 120, s144 FWD

Description :   **ROT144, +/-120 Deg/min**

XDi 144 and 192 complies with MED/MER

Rate of turn ± 120 Deg/min
Digital readout max. ±300 Deg/min
(Depending of selected input type)

Status :   🔒

VI Notes :

VI-setup profiles (VS) for VI009

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net/NMEA	**NMEA or XDi-net** ROT via NMEA (Requires NX2 module on Slot 2) or XDi-net via CAN1 or CAN2 without NX2. XDi-net index: 0x3AE1:02 Value +/- 3000 = 300.0 deg/min. Supported NMEA sentence: ROT Selectable source name label Selectable headline	🔒	

VI-setup profiles (VS) for VI009

VS No.	Name	Description	Status	Notes
2	VS02 CAN TPDO	**CAN TPDO input** ROT via CAN TPDO Default: TPDO1: 0x18D 16 bit signed max. +/-3000 = 300.0 DEG/min received via CAN1 or 2 Selectable source name label Selectable headline	🔒	
3	VS03 Analogue	**Analogue input** Requires AX1 module on Slot 1 Default settings: 4-20mA on input HI1 + term. 9, - term. 8 Scaled: 4 mA= -120 DEG/min (PS) 12 mA= 0 DEG/min 20 mA= 120 DEG/min (SB) AX1 input lost below 3.5mA Data is shared on XDi-net Selectable source name label Selectable headline	🔒	

VI 010	± 300, s144 FWD

Description : **ROT144, +/-300 Deg/min**

XDi 144 and 192 complies with MED/MER

Rate of turn ± 300 Deg/min
Digital readout max. ±400 Deg/min
(Depending of selected input type)

Status : 🔒

VI Notes :

VI-setup profiles (VS) for VI010

VS No.	Name	Description	Status	Notes
1	VS01 XDi-net/NMEA	**NMEA or XDi-net** ROT via NMEA (Requires NX2 module on Slot 2) or XDi-net via CAN1 or CAN2 without NX2. XDi-net index: 0x3AE1:02 Value +/- 4000 = 400.0 deg/min. Supported NMEA sentence: ROT Selectable source name label Selectable headline	🔒	

VI-setup profiles (VS) for VI010

VS No.	Name	Description	Status	Notes
2	VS02 CAN TPDO	**CAN TPDO input** ROT via CAN TPDO Default: TPDO1: 0x18D 16 bit signed max. +/-4000 = 400.0 DEG/min received via CAN1 or 2 Selectable source name label Selectable headline	🔒	
3	VS03 Analogue	**Analogue input** Requires AX1 module on Slot 1 Default settings: 4-20mA on input HI1 + term. 9, - term. 8 Scaled: 4 mA= -300 DEG/min (PS) 12 mA= 0 DEG/min 20 mA= 300 DEG/min (SB) AX1 input lost below 3.5mA Data is shared on XDi-net Selectable source name label Selectable headline	🔒	