



DECLARATION OF CONFORMITY

According to
Low Voltage Directive 2014/35/EU
EMC Directive 2014/30/EU
RoHS Directive 2011/65/EU and 2015/863 "RoHS 3"

We: DEIF A/S
Frisenborgvej 33
7800 Skive
Denmark

Do hereby declare under our sole responsibility, that the below product(s):

Designation: **Marine flexible Display Indicators**

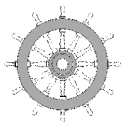
Type: **XDi 96, XDi 144, XDi 192**
XDi-N 96, XDi-N 144, Xdi-N 192
Rudder Angle Indicator, RPM Indicator, Pitch Indicator, Azimuth Indicator, Rate of Turn
Extension module AX1, DX1, NX1, NX2

Which are covered by this declaration, all conform to the following standards:

LVD: EN 61010-1:2010+A1:2019+A1:2019/AC:2019-04 - Safety requirements for electrical equipment
for measurement, control and laboratory use
EN 60529:1991+A1:2000+A2:2013+AC:1993+AC:2016-12+A2/AC:2019-02 -
Degrees of protection provided by enclosures (IP code)

EMC: EN 61000-6-1:2007 - Immunity for residential, commercial and light-industrial environments
EN 61000-6-2:2005+AC:2005 - Immunity for industrial environments
EN 61000-6-3:2007+A1:2011+A1:2011/AC2012 - Emission for residential, commercial and light-
industrial environments
EN 61000-6-4:2007+A1:2011 - Emission for industrial environments

RoHS: EN IEC 63000:2018 - Technical documentation for the assessment of electrical and electronic
products with respect to the restriction of hazardous substances



DECLARATION OF CONFORMITY

According to

Marine Equipment Directive 2014/90/EU

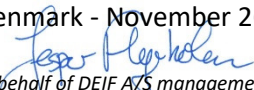
(Include amendment 98/95/EC, 2001/53/EC, 2002/75/EC, 2002/84/EC, 2008/67/EC, 2009/26/EC, 2010/68/EU, 2011/75/EU, 2013/52/EU, 2017/306/EU, 2019/1397/EU, 2022/1157/EU, 2023/1667/EU and Regulation 2024/1975/EU)

MED:	Type examination	Module B
	Quality system	Module D
	IEC/EN 60945	2002 Marine navigation and radio communication equipment and
	+COR. 1	2008 systems.
	IEC/EN 61162-3	2008 Marine navigation and radio communication equipment and
	+A1	2010 systems – Digital interface. Serial data instrument network.
	+A2	2014
	IEC/EN 62288	2021 Maritime navigation equipment. Presentation of information on displays.
	IMO res.A.694(17)	
	IMO res.MSC.191(79)	
	Rudder angle indicator:	
	ISO 20673	2022 Ships and marine technology. Electric rudder angle indicators.
	IMO res.A.526(13)	
	RPM indicator:	
	ISO 22554	2015 Ships and marine technology – Propeller shaft revolution indicators electric type.
	Pitch indicator:	
	ISO 22555	2022 Ships and marine technology – Propeller pitch indicators.
	Rate of turn indicator:	
	ISO 20672	2022 Ships and marine technology – Rate of turn indicators.
	IMO res.A.526(13)	
	Rudder angle indicator/RPM indicator/Pitch indicator/Rate of turn indicator:	
	IMO res.MSC.302(87)	ADOPTION OF PERFORMANCE STANDARDS FOR BRIDGE ALERT MANAGEMENT
	IMO res.MSC.36(63)	(1994 HSC code) 13
	IMO res.MSC.97(73)	(2000 HSC code) 13
	XDi dual and multi indication:	
	Appendix A.2/4.15	Integrated navigation system.
	IMO res.MCS.86(70)	
	Appendix A2/4.30	Integrated bridge system.
	IMO SN.1/Circ.288	
	Notified body	0098
	Certificate number	RAI: MEDB00003AN rev. 2 exp. 26.11.2029
		RPM: MEDB00003AR rev. 2 exp. 26.11.2029
		Pitch: MEDB00003AS rev. 2 exp. 26.11.2029
		ROT: MEDB00003AT rev. 2 exp. 26.11.2029
		Modul D: MEDD00001AE rev.3 exp. 26.11.2029

The technical documentation for this equipment is retained at the following address:
DEIF A/S, Frisenborgvej 33, 7800 Skive, Denmark

DEIF A/S

Skive, Denmark - November 26, 2024


On behalf of DEIF A/S management

Jesper Flyvholm

Certification Manager