

**DEIF A/S****Type Certificate**

4124040013E

Type: TRI-2 Rudder angle indicators

Technical specifications	
Accuracy:	Class 1.5 (-10...15...30...55°C) to EN60051 and IEC 51
Measuring ranges: Voltage:	Lowest: 0...4V DC. Highest: 0...100V DC. Load: 0.7kΩ/V.
Current:	Lowest: -2...0...2V DC. Highest: -100...0...100V DC. Load: 1.4kΩ/V. Lowest: 0...1mA DC. Highest: 0...100mA DC. Load: 3.0V. Lowest: 1...0mA DC. Highest: 100...0mA DC. Load: 3.0V. Lowest: -1...0...1mA DC. Highest: -100...0...100mA DC. Load: 1.5V and 4...20mA load in 1.6V.
Illumination:	Long-life LEDs
Dimmer:	Built-in. Can be removed and mounted e.g. in a control panel if remote dimmer is preferred.
Auxiliary voltage:	24V AC or 24V DC -25/+30% (max. approx. 110mA)


Typetest specifications	Tested according to:	
Vibration:	3...5.3 Hz: 50 mm/sec 5.3...13.2 Hz: 3 mm 13.2...100 Hz: 1 g	GL and LR test 1 DNV: Class A.
Shock:	6 impacts of 15 g (in each of 3 axes)	IEC 68-2-27, test: Ea
Climate:	HUE	DIN 40040
Protection:	IP54	IEC/EN 60529
Temperature:	-10...+55°C (nominal) -25...+70°C (storage)	EN 60051 and IEC 51
Test voltage	2.2 kV – 50 Hz – 1 min.	IEC 414
EMC	Immunity	EN 61000-6-1/2
	Emission	EN 61000-6-3/4

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