

Sumlog Transducer

Description

The Sumlog® Transducer is required to measure boat speed through water. The Sumlog® includes two paddle wheels which can be inter-changed to match the speed range of the boat, thereby supporting speeds from 0 to 12 or up to 50 knots, respective of the installed paddle wheel. The NavBox supports up to two Sumlog® which can be directly connected to the appropriate Sumlog® ports using a 4 pin M12 connector extension cable.



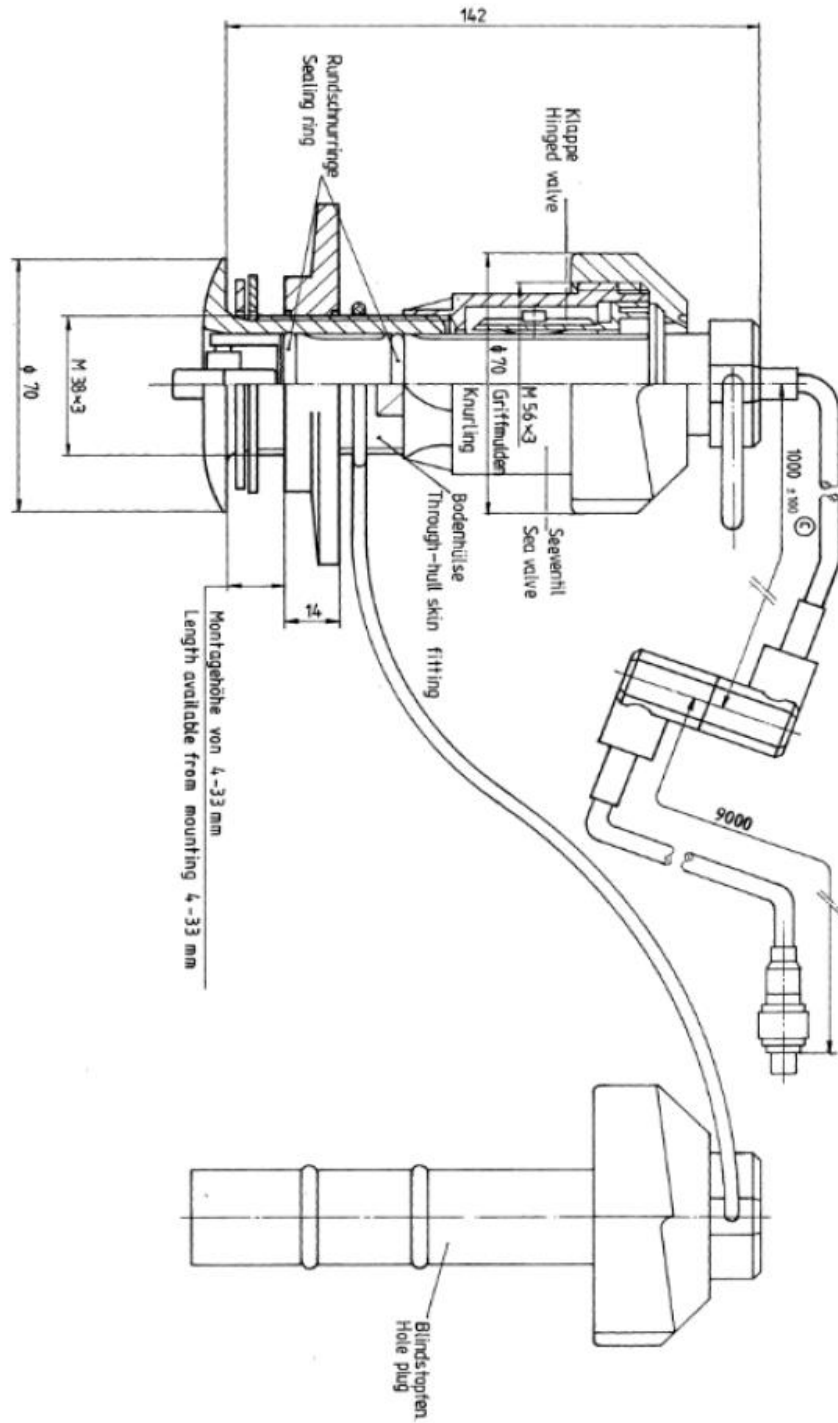
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Features

- 4 Pin Hirschman
- 4 pin M12 connector (with adapter cable)
- 12kn and 50kn paddle wheel 8 (low speed paddle wheel installed from factory, high speed paddle wheel in the packaging)
- Integrated flood valve
- Speed Through Water data for NavBox
- Needed for true wind speed and angle calculation

Technical Data	
Housing	Material: PC
Dimensions	WxH: 142mm X 30mm
Current Consumption	150mA
Operating Temperature	-20°C to +70°C
Storage Temperature	-30°C to +80°C
Nominal Position	NL 0 to NL 85; According to DIN 16257
Protection Class	IEC 60529:2001 exposed (IPx5)
Flammability	UL-94
EMC	IEC 60945: 2002 / ISO7637-2
Approval	CE

Mechanical Design



Accessories

Part Number	Item specifics
270-023-005-003D	Paddle Wheel 12-20kn
270-023-005-004D	Paddle Wheel 30kn
270-023-005-005D	Paddle Wheel 50kn
A2C3986520001	Blind plug
N05-800-258	Valve
A2C39488200	LOG Cable 10m
A2C59501953	Connecting Cable (Sumlog® to NavBox) 10 meters
A2C59502180	Thru-Hull Fitting