

HOEK-003

Subsea Angle Transmitter

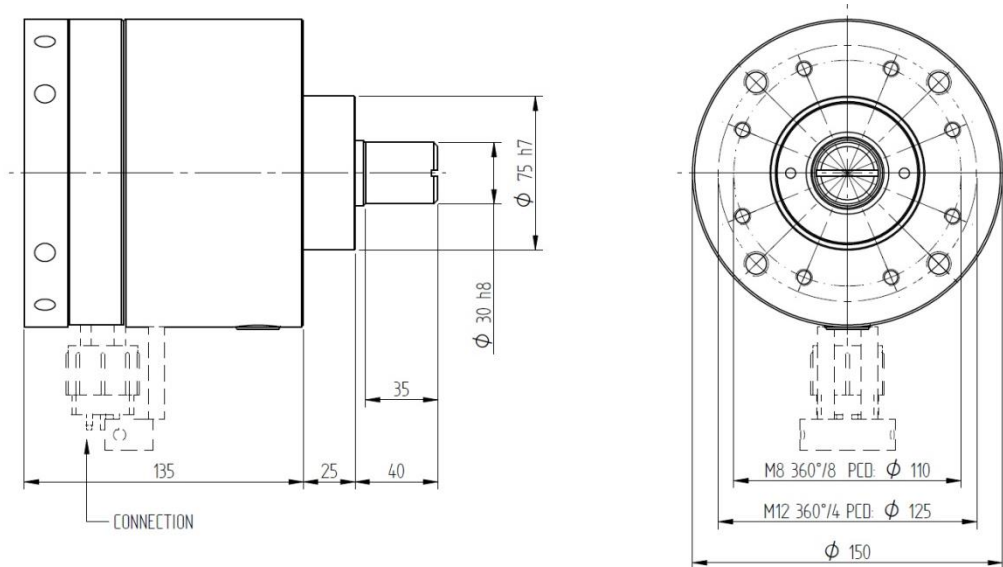


Highlights

- Heavy duty subsea angle transmitter with proven reliability in harsh and abrasive environments.
- Designed for angle measurement of suction tubes, booms and other (submersible) parts.
- Depth rate 2500 msw (with connector), 100 msw (with penetrator), 50 msw (with gland).
- Corrosion resistant oil filled and pressure compensated AISI 316 stainless steel housing and AISI 431 stainless steel shaft.
- Provided with 2 different mounting thread hole patterns.
- Several mounting and coupling accessories are deliverable.
- Fitted with an analogue 4...20 mA transmitter for angular ranges from 0 up to 355°.
- Fitted with a BH4MSS stainless steel standard bulkhead connector.
- Optionally available with all stainless steel cable gland with integrated penetrator and hose socket or micro bulkhead connector.

Specifications

Mechanical		Environmental	
- Housing material	AISI 316	- Operating temperature	-40..+60 °C (in air) -4..+60 °C (in water)
- Shaft material	AISI 431	- Depth rate connector types	2500 msw
- Dry weight	Approx. 15 kg	- Depth rate penetrator type	100 msw
- Dimensions	See below		

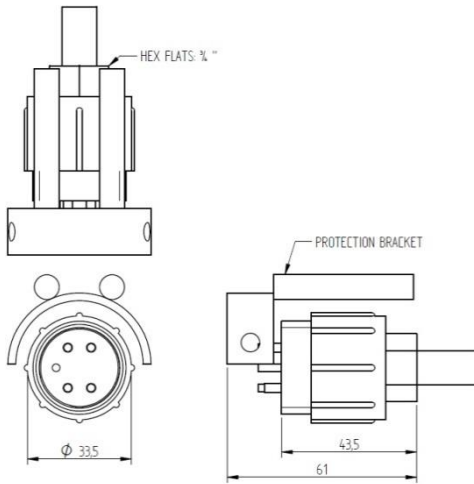


Electrical	
- Sensor principle	Potentiometer
- Measurement angle	0..355°
- Minimum range	0..53°
- Supply voltage	18..28 VDC
- Max. load	600 Ω
- Power consumption	31 mA max.
- Output	4-20 mA
- Linearity error ¹ / 355 °	+/-0.1 %
- Resolution / 355 °	0.002 %
- Thermal sensitivity shift	0.01 %/K max.
- Operating temp.	-30...+70 °C
- Connections	2

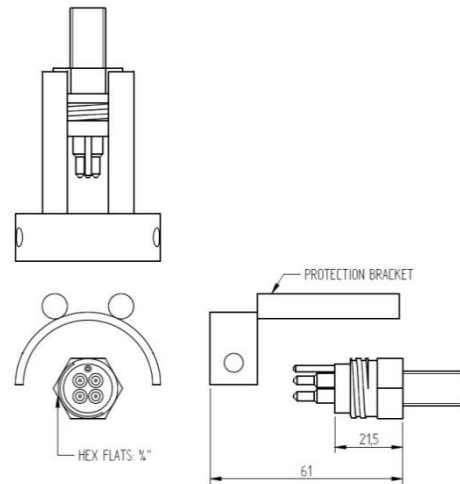
¹ At constant temperature. Valid for measurement ranges up to 345°.

Connection	PENE-2	Bulkhead
- Waterblock	Yes	Yes
- Cable outer diameter	< 12 mm	N.A
- Hose inner diameter	25 mm	N.A.
- Dimensions	See below	

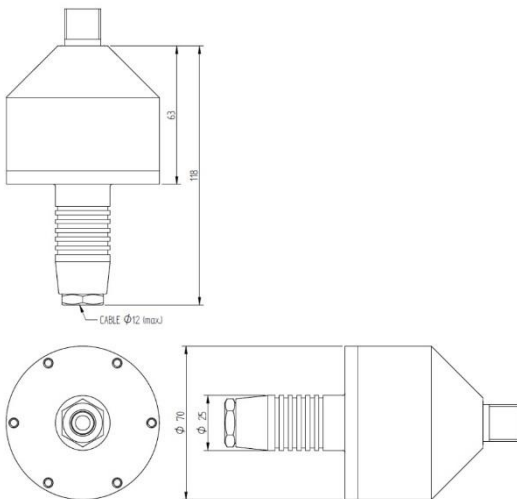
HOEK-003 with BH4MSS



HOEK-003 with MCBH4MSS



HOEK-003 with penetrator



Optional accessories

For mounting and coupling purposes, various optional accessories are available:

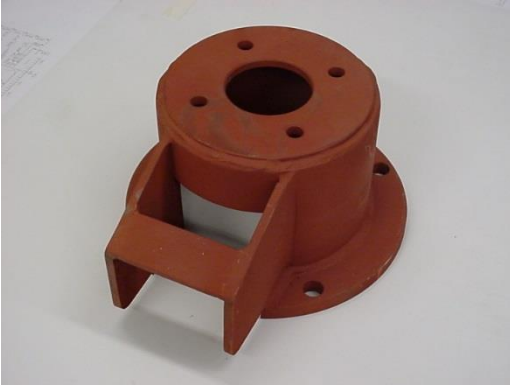


Figure 1: Installation and protection hood



Figure 2: Standard coupling



Figure 3: Flexible coupling