POSEIDON 4000 SERIES

PRESSURE - LEVEL TRANSMITTER



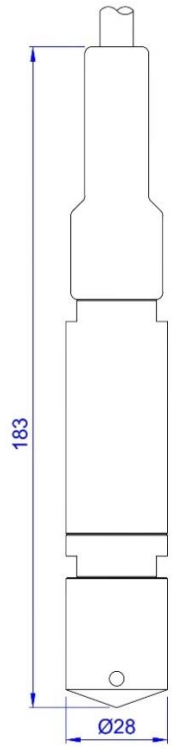
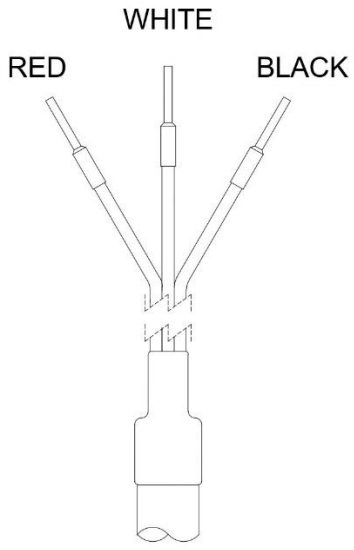
- Poseidon series pressure transmitters are designed to be used in most industrial applications, when high quality and low cost are essential parameters.
- The stainless steel housing contains a ceramic pressure sensor and its electronic components.
- It is capable of measurements both on gases, vapors and liquids.
- Poseidon series transmitters are always calibrated according to customer needs with the calibration report included in the packaging.

FEATURES
▪ Submersible
▪ Ceramic sensor diaphragm
▪ Marine grade stainless steel housing
▪ Cable length on demand
▪ Gauge and absolute measuring
▪ High accuracy
▪ Electrical connection: Cable terminals
▪ 11-30 VDC operating voltage
▪ 4-20 mA output signal
▪ Process connection options: BSP G 1/4", 3/8”, 1/2", 3/4", 1”, 1” Female Hexagonal Nut, M 20x1.5 EN 837, Flange (DIN & JIS), Filter, Custom

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TECHNICAL SPECIFICATIONS	
Power supply:	11-30 VDC (Reverse voltage protection)
Measuring range (Gauge):	Up to 50 Bar (0.25 Bar min. SPAN setup)
Measuring range (Absolute):	Up to 50 Bar (1 Bar min. SPAN setup)
Vacuum capability:	Up to -1 Bar (Depends on requested SPAN setup)
Accuracy:	± 0.05% FS
Thermal offset shift:	± 80 µA FS at 25…85°C
Output signal:	2 wire 4-20 mA current loop
Media temperature:	-40 °C…+135 °C
Storage temperature:	-20 °C…+85 °C
MATERIALS	
Housing:	AISI 316L Stainless steel
Sensor diaphragm:	Al_2O_3 96% Ceramic
Cable:	PVC
MISCELLANEOUS	
Protection class:	IP 68
Installation position:	Any

DIMENSIONS	ELECTRICAL CONNECTION
	

RED: VDC +
WHITE: VDC -
BLACK: GROUND

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