HEPHAESTUS 7100

PRESSURE TRANSMITTER



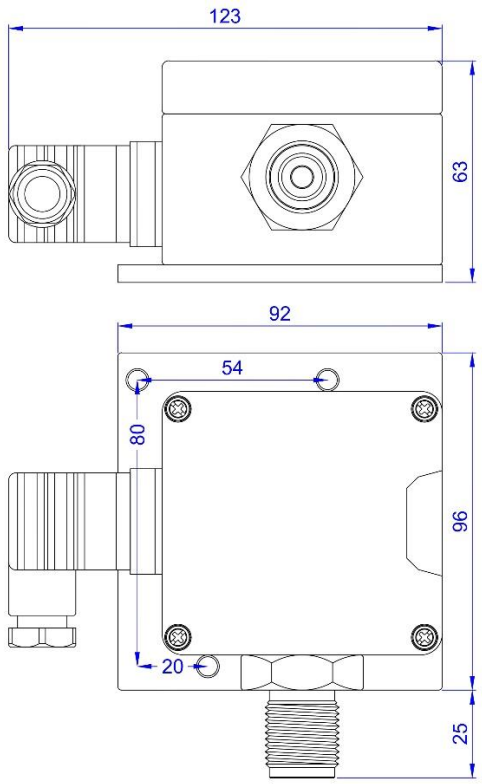
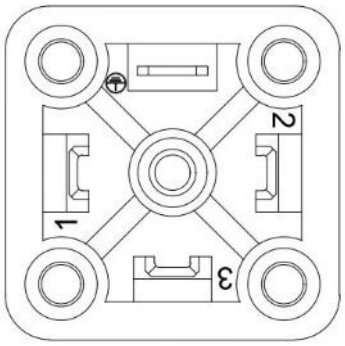
- Hephaestus series pressure transmitters are designed to be used in most industrial applications, when high quality and low cost are essential parameters.
- The stainless steel housing fitted on a metal enclosure contains a ceramic pressure sensor and the transmitter's electronic components.
- It is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

FEATURES
▪ Ceramic sensor diaphragm
▪ Marine grade stainless steel housing
▪ Gauge and absolute measuring
▪ High accuracy
▪ 11-30 VDC operating voltage
▪ 4-20 mA output signal
▪ Electrical connection: DIN EN 175 301-803-A
▪ Process connection options: BSP G 1/2" Male, BSP G 3/8" Male

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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 (Adjustable)
Media temperature:	-40 °C…+135 °C
Storage temperature:	-20 °C…+110 °C
MATERIALS	
Housing:	AISI 316L Stainless steel
Enclosure:	Aluminium alloy
Sensor diaphragm:	Al_2O_3 96% Ceramic
Connector:	PA Plastic - Polyamide (Nylon)
MISCELLANEOUS	
Protection class:	IP 65
Installation position:	Any

DIMENSIONS	ELECTRICAL CONNECTION
	

1: VDC +

2: VDC -

⏚: GROUND

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