

DIAPHRAGM PRESSURE TRANSMITTER **Model SiMF-20.0**

Features:-

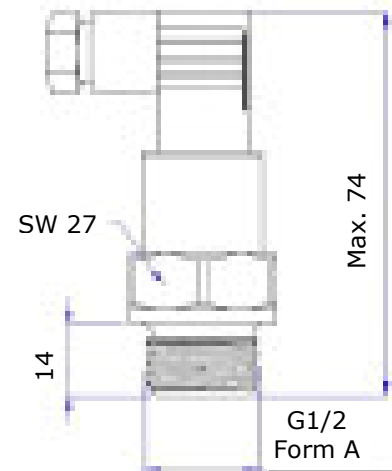
- Range: 1 bar to 10 bar absolute
- Accuracy : $\pm 0.5\%$
- Output: 0 -10 V DC, 4 -20 mA
- Input Voltage : 12 ...32 V DC
- Temperature Range: - 20°C to +105°C
- Protection : IP 65 DIN EN 60 529
- Piezoresistive Silicon Sensor (Poly -Si-SiO₂ layer)
- Stainless Steel diaphragm (with NBR -O Ring)
Silicon chip protected, oil filling cavitations
- Process End Connection: G $\frac{1}{2}$ (1/2 " BSP)
- Weight : 60 gm



Pressure transmitter SiMF-20.0 series are produced in stainless steel laser welded with oil filling.

This pressure transmitter is primarily used in sanitary and food industry, as well as in special machines with measuring out pumps. It is a compact and robust high-grade steel transmitter is a piezoresistive measuring element suitable for relative, absolute or excess pressure measuring.

The electronic sensor calibration is performed by use of an in house designed test and calibration systems which utilizes state of the art, electronic trimming technology and A/D converter controlled amplifiers based on switched capacitor technology.



GENERAL DATA

Pressure Type	: Gauge
Pressure Range	: 1bar 10bar
Over Pressure	: 1.5 X
Burst Pressure	: 2 X
Wetted Components	: 17.4 pH No 'O' Rings – No Silicone Oil

APPLICATIONS

- ◆ Hydraulic / Pneumatic Controls
- ◆ Pumps & Compressors
- ◆ Water Management
- ◆ Food Industry
- ◆ HVAC

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