

Pressure Monitor

PM V2.2

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Version: 1.0

Pressure monitor for SingleUse pressure sensors

Features

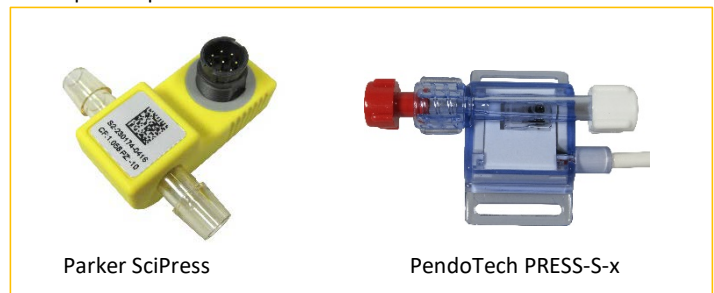
- 2 x sensor input for PendoTech / SciLog SingleUse sensors
- Single pressure / differential pressure
- Tare and offset correction
- Analog output (0..10 V and 4 ..20 mA)
- Programmable relais output

Applications

- Pressure monitoring
- Bioreactor process control
- Filter condition surveillance



Compatible pressure sensors



Technical Data

Input Voltage	24 VDC
Controller current consumption	< 50 mA
Compatible sensor types	PendoTech PRESS-S-xx Parker (SciLog) SciPress
Pressure range	0 .. 2 bar
Accuracy	±0.1 % full scale
Digital inputs (tara, tara clear)	Opto-isolated, signal = 5 ... 24 VDC
Analog output (single/differential pressure)	0 .. 10 VDC 4 .. 20 mA
Relais output	1 change-over contact, internal (24 V) or external supply
Interface	3 line text display, user buttons
Mechanical dimensions: (L x W x H)	104 x 69 x 26 mm, anodized alloy housing
Weight	140 g
Protection	IP 40

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