

# PendoTECH® PressureMAT® Sensor Monitors

Cole-Parmer®



PendoTECH PressureMAT is a real-time monitor, alarm, and transmitter unit designed for use with the PendoTECH Single-Use Pressure Sensors™. This lightweight, portable unit can easily be moved around a lab or plant anywhere pressure measurement is required. The monitors use state-of-the-art, solid-state electronics, which require no calibration or maintenance.

The output options simplify integration to PCs or higher-level control systems, and a relay switch enables interfacing with pumps and valves. The transmitter function delivers a 4–20 milliamp output signal corresponding to the pressure reading on the display. The RS-232 data output to a PC is available for data collection to the data acquisition software.



Scan the QR code for more information  
on PendoTECH products.

## APPLICATIONS

- Perfect for filtration, chromatography, bioreactor monitoring, perfusion, and fill finish operations
- Ideal for general-purpose, laboratory, and single-use applications

## FEATURES/BENEFITS

- User configurable min/max set points with alarm output signal
- One-touch zero tare to atmospheric pressure
- No calibration or maintenance required
- Easily interface with pumps, valves, and PCs
- IP66 / NEMA 4X enclosure rating
- User-configurable min/max alarm set points with relay output for process control
- Free technical application support available to assist

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India	+1.800.266.1244

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**Cole-Parmer®**  
coleparmer.com

\*Inquiries from Germany and France are now handled in our St. Neots office by native-speaking experts.

### Specification and Ordering Table

No. of Pressure Sensor Input Channels	Output	Pressure Input Range	Resolution	Communication	Power Inlet	Power	Item Number
1	1 relay and 1 analog	-11.5 to 75.0 psi (-0.793 bar to 5.171 bar)	0.1 psi (0.01 bar)	RS-232	2.5 mm circular power jack (center post positive) or D9	12 to 24 VDC powered by 110/220 VAC wall supply	<a href="#">59900-10</a>
3	1 relay and 3 analog						<a href="#">59900-06</a>
4	4 analog						<a href="#">59900-08</a>



Connect up to 4 Pressure Sensors



- 4–20 mA ▶ Control System
- RS-232 ▶ PC
- Relay ▶ Pump, Valve, or Alarm