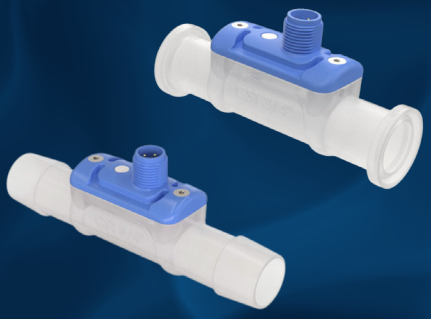
Cole-Parmer®

Cole-Parmer®
Single-Use Pressure Sensors



Cole-Parmer Single-Use Pressure Sensors provide accurate pressure measurement of liquids and gases for sterile flow paths, bioprocessing applications, or where contamination control and pressure monitoring are critical. Sensors incorporate ambient pressure compensation to maintain measurement accuracy across the full pressure range and changing environmental conditions.

Constructed from polypropylene (PP), these sensors are glue- and epoxy-free and manufactured in an ISO Class 7 cleanroom. Each sensor is double-bagged and compatible with gamma sterilization for use in single-use assemblies and sterile processes. The standard M12 sensor interface and reusable cables enable easy integration with Cole-Parmer Pressure Transmitters or industry-leading pressure monitoring systems.

Order transmitter, cables, and pressure sensors separately.

CERTIFICATION

USP Class VI

APPLICATIONS

- Tangential flow filtration (TFF)
- Chromatography
- Bioreactor monitoring

FEATURES/BENEFITS

- Compatible with multiple pressure monitor brands to increase versatility and reduce inventory complexity
- Glue- and epoxy-free construction minimizes contamination risk
- Ambient pressure compensation improves measurement accuracy
- Gamma sterilization compatible
- Manufactured in an ISO Class 7 cleanroom and double-bagged
- Reusable sensor cables reduce waste and replacement costs
- Shielded M12 connection provides reliable connectivity for improved measurement stability

USA	+1.800.323.4340	UK	+44 (0) 1480.272279
	+1.847.549.7600		+33 (0) 1 87 17 01 42*
Canada	+1.800.363.5900		+49 (0) 937 792030*
India	+1.800.266.1244	Italy	+39.02.84349215
China	+86.21.5109.9909	All others	+1.847.549.7600

*Enquiries from Germany and France are handled by native speaking experts.

Cole-Parmer®
coleparmer.com

5619-1026

Technical Specifications

Parameter		Value
Pressure Range		–10 to 100 psi (–0.7 to 6.9 bar)
Accuracy	–10 to 0 psi	±4%
	0 to 50 psi	±2%
	51 to 80 psi	±2.5%
	81 to 100 psi	±3%
Operating Temperature		5 to 40 °C (41 to 104 °F)
Sensor Input Voltage		6 VDC
Electrical Connection		M12 4-pin Key-A
Sterilization Compatibility		Gamma irradiation
Materials of Construction	Body	Polypropylene (PP)
	Connector Cap	Polycarbonate (PC)
	Internal Sensor	Polycarbonate (PC)

Specification and Ordering Table

Connection Type	Connection Dimensions	Pack Size	Item Number
Hose Barb	1/4 in. (6.4 mm)	1	98002-26
	3/8 in. (9.5 mm)	1	98002-27
	1/2 in. (12.7 mm)	1	98002-28
	3/4 in. (19.1 mm)	1	98002-29
Tri-Clamp	1/2 in. (12.7 mm)	1	98002-30
	3/4 in. (19.1 mm)	1	98002-31

Accessories

Description	Item Number
Cole-Parmer Pressure Sensor to Cole-Parmer Pressure Transmitter Cable, 5 ft (1.5 m)	98002-32
Cole-Parmer Pressure Sensor to Cole-Parmer Pressure Transmitter Cable, 10 ft (3 m)	98002-33
Cole-Parmer Pressure Sensor to Cole-Parmer Pressure Transmitter Cable, 16.4 ft (5 m)	98002-34
Cole-Parmer Pressure Sensor to PendoTECH PMAT Pressure Transmitter Cable, 1.6 ft (0.5 m)	98002-35
Cole-Parmer Pressure Sensor to Levitronix Pressure Transmitter Cable, 3.3 ft (1.0 m)	98002-37

Cole-Parmer®