

Cole-Parmer® Sensors Single-Use Pressure Sensors



Cole-Parmer single-use pressure sensors feature a high-pressure piezoresistive transducer to accurately measure static and dynamic pressures of gases and liquids up to 75 psi. Unobstructed, flow-through design minimizes dead space and pressure drops. The disposable sensor connects to most data acquisition systems with a 12" reusable interface cable with over-molded four-position connector.

Pressure sensors come with luer fittings for quick, leak-free connections. Sensors feature both a male lock and female luer connectors. Sterile options are sterilized by ethylene oxide (EtO).



CERTIFICATION

All fluid contact components meet USP Class VI and ISO 10993 compliance

WARNING: This product is not approved or intended for, and should not be used for, medical, clinical, surgical, or other patient-oriented applications.

APPLICATIONS

- Perfect for critical bioprocessing monitoring such as filtration, chromatography, and bioreactor operations
- Ideal for general-purpose, laboratory, and single-use applications

FEATURES/BENEFITS

- High-pressure piezoresistive transducer provides highly accurate pressure sensing
- Sensors are tested prior to shipment and ready to use
- Manufactured in ISO 13485 certified facilities in ISO Class 7 cleanrooms
- Sterilize by gamma irradiation or ethylene oxide (EtO)
- Latex free and animal-derivative component free

USA	+1.800.323.4340
	+1.847.549.7600
Canada	+1.800.363.5900
China	+86.21.5109.9909
India	+1.800.266.1244

UK	+44 (0) 1480.272279
	+33 (0) 1.87.170142*
	+49 (0) 937.792030*
Italy	+39.02.84349215
All others	+1.847.549.7600

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

Connection	Material	Sterile	Pressure Range	Accuracy	Operating Temperature	Item Number	Pack Size
Luer	Polysulfone	No	-11.5 to 75 psi (-0.79 to 5.2 bar)	-10 to -7 psi: $\pm 5\%$ of reading -7 to 0 psi: $\pm 3\%$ of reading 0 to 6 psi: $\pm 2\%$ of reading 6 to 30 psi: $\pm 3\%$ of reading 30 to 60 psi: $\pm 5\%$ of reading	2 to 40 °C (35.6 to 104 °F)	48523-04	1
	Polysulfone	Yes				48523-09	1
	Polycarbonate	No				48523-10	1