

PendoTECH® Sensors

Single-Use Pressure Sensors

Cole-Parmer®



PendoTECH Single-Use Pressure Sensors measure static and dynamic pressure of gases and liquids. Designed with MEMS-HAP™ high-accuracy sensor chips, these single-use sensors deliver real-time pressure readings while eliminating contamination risks. Available in multiple connection types, these sensors feature a seamless fluid path and are 100% quality tested to ensure peak performance. They integrate easily with PendoTECH PressureMAT® monitors, offering a cost-effective, single-use alternative for pressure measurement in regulated environments.



Scan the QR code for more information on PendoTECH products.

APPLICATIONS

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

FEATURES/BENEFITS

- Unobstructed fluid path minimizes hold-up volume and dead legs
- Pretested for critical quality attributes and USP Class VI compliance
- Manufactured in an ISO 9001-certified facility, ISO Class 7 cleanroom
- Compatible with gamma and X-ray irradiation for sterilization
- May be repeatedly cleaned and reused
- Free technical application support available to assist

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

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*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
Luer	Polysulfone	N	-11.5 to 75 psi (-0.79 to 5.2 bar)	±2% of reading from 0 to 6 psi, ±3% of reading from 0 to -7 and 6 to 30 psi, ±5% of reading from -7 to -10 and 30 to 60 psi	2 to 40 °C (35.6 to 104 °F)	59900-11
1/8" Hose Barb		N				59900-12
1/4" Hose Barb		N				59900-13
3/8" Hose Barb		N				59900-14
1/2" Hose Barb		N				59900-15
3/4" Hose Barb		N				59900-16
3/4" Sanitary Flange		N				59900-18
1" Sanitary Flange		N				59900-17
Luer	Polycarbonate	Y				59900-22
1/4" Hose Barb		N				59900-19
3/8" Hose Barb		N				59900-20
1/2" Hose Barb		N				59900-21

Accessories

Description	Item Number
1/4" x 1/4" Polycarbonate Straight Connector with Luer Port	59900-01
3/8" x 3/8" Polycarbonate Straight Connector with Luer Port	59900-02
1/2" x 1/2" Polycarbonate Straight Connector with Luer Port	59900-03
Cable Adapter for Single-Use Pressure Sensor, 12 ft (4 m)	59900-04