

Single-Use Pressure Sensors For Flexible Bioprocess Containers



Easy Installation

The port plate can be easily installed onto flexible bioprocess containers to measure pressure in the container. Suitable for liquid or gas applications.



High Accuracy

The sensor accurately measures pressure up to 15 psi (1.03 bar) with a precision better than ± 0.003 psi (0.2 bar) with PressureMAT® High-Resolution Monitor.



Volume Measurement

Alternative solution for volume measurement in a bioprocess container by using hydrostatic pressure to measure liquid levels.



Various Applications

The sensor can be used for various applications, including bioreactor monitoring, preventing over-pressurization, and pre-use integrity testing.

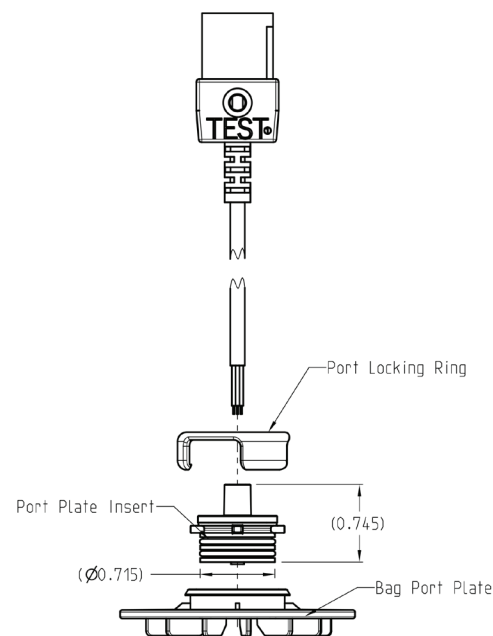


Maximizing Bioprocessing Efficiency With Single-Use Pressure Sensors for Flexible Containers

METTLER TOLEDO Pendotech's Single-Use Pressure Sensor monitors pressure in flexible bioprocess containers for gas and liquid applications. Utilizing the same technology as Pendotech's inline sensors, it features a custom port plate welded into the container for secure attachment with a locking ring. This design allows for versatility in applications like disposable bioreactors and integrity tests on single-use systems. Made from high-density polyethylene, the port plate is durable, reliable, and meets USP Class VI standards for biocompatibility and safety.

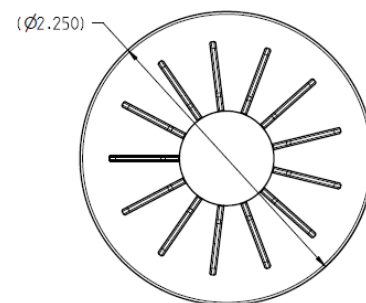
Product Information for Single-Use Pressure Sensors

Specifications	
Pressure Range	For full assembly: up to 15 psi For insert only: 75 psi
Accuracy	



Ordering Information

	Order Nr.
Single-Use Pressure Sensor Insert for Port Plate, Polycarbonate	PTPL-PRESS
Single-Use Pressure Sensor Insert for Port Plate, Polysulfone	PTPL-PREPS
Port Plate for Sensor Inserts, 2.25"D, Material: HDPE DOW DMDA-8007 HEALTH+. Pack of 25	PORT-D1-HDPE
Pack of 25 locking rings for PORT-D1-HDPE bagged in polyethylene bag	PORT-RING
PressureChecker pressure sensor and monitor verification tool, psi	PDKT-650-950



Sensors with NIST calibration certificates, see the primary pressure sensor datasheet for further details	Order Nr.
Single-Use Pressure Sensor Insert for Port Plate, non-sterile, Polysulfone, with 0-6 psi NIST certificate	PTPL-PREPS-B
Single-Use Pressure Sensor Insert for Port Plate, non-sterile, Polycarbonate, with 0-6 psi NIST certificate	PTPL-PRESS-B
Single-Use Pressure Sensor Insert for Port Plate, non-sterile, Polysulfone with IP67 Connector	PTPL-PREPS-W
Single-Use Pressure Sensor Insert for Port Plate, non-sterile, Polysulfone, with 0-60 psi NIST certificate	PTPL-PREPS-60