



Pressure Sensors

Page Tech Sheet 10198

Section 1 – Hydraulics

Hydraulics

Hydraulic QRC

Pneumatic QRC

Ind. Air Prep, Monitor & Test

KELM™ Pneumatics

Pneumatic & Vacuum Equipment

Valves

Ring Main Systems

Adaptors & Fittings

Stainless Steel

Malleable Iron

Hose, Tubing & Couplings

Clamps & Clips

Sprays & Adhesives

Blow Guns & Vacuum

Wash Down & Fuelling

Air Tools

Tools, Hardware & PPE

Hermetically Sealed Modular Pressure Sensor

Description

The PTE5000 utilizes Kavlico's thin film strain gauge sensing technology, incorporating a hermetically sealed design with no internal sealing required. Designed for harsh environments, a rugged 304 stainless steel housing surrounds the PTE5000 transducer. The PTE5000's small, compact design as well as low overall weight is ideal for applications with spacing and weight limitations. This easy-to-use sensor is media resistant, allowing for a broad range of liquid and gaseous media compatibility. It can be used at high operating temperatures and has internal temperature compensation. Highly reliable, the PTE5000 provides accurate, high pressure measurements every time.

Typical Applications:

- Compressors.
- Hydraulic systems.
- Agricultural equipment.
- Construction equipment.
- Heat pumps.
- Wind energy.
- HVAC systems.
- Chemical industry.

Features:

- Hermetically sealed.
- Rugged and durable.
- Compact and lightweight.
- Resistant to chemical attack.
- Superior long-term stability and repeatability.
- Outstanding shock and vibration performance.

Supplied without electrical connector



M12 Connection, 4-20 mA, 1/4" BSPP

0378		£
PTE50000061B1C	6	68.05
PTE50000101B1C	10	68.05
PTE50000161B1C	16	68.05
PTE50000251B1C	25	68.05
PTE50000401B1C	40	68.05
PTE50000601B1C	60	68.05
PTE50001001C4C	100	68.05
PTE50001601C4C	160	68.05
PTE50002501C4C	250	68.05
PTE50004001C4C	400	68.05
PTE50006001C4C	600	68.05



DIN 175301-803-A Connection, 4-20 mA, 1/4" BSPP

0378		£
PTE50000061B1A	6	68.05
PTE50000101B1A	10	68.05
PTE50000161B1A	16	68.05
PTE50000251B1A	25	68.05
PTE50000401B1A	40	68.05
PTE50000601B1A	60	68.05
PTE50001001C4A	100	68.05
PTE50001601C4A	160	68.05
PTE50002501C4A	250	68.05
PTE50004001C4A	400	68.05
PTE50006001C4A	600	68.05

M12 Connection, 0-10V, 1/4" BSPP

0378		£
PTE50000064B1C	6	68.05
PTE50000104B1C	10	68.05
PTE50000164B1C	16	68.05
PTE50000254B1C	25	68.05
PTE50000404B1C	40	68.05
PTE50000604B1C	60	68.05
PTE50001004C4C	100	68.05
PTE50001604C4C	160	68.05
PTE50002504C4C	250	68.05
PTE50004004C4C	400	68.05
PTE50006004C4C	600	68.05

DIN 175301-803-A Connection, 0-10V, 1/4" BSPP

0378		£
PTE50000064B1A	6	68.05
PTE50000104B1A	10	68.05
PTE50000164B1A	16	68.05
PTE50000254B1A	25	68.05
PTE50000404B1A	40	68.05
PTE50000604B1A	60	68.05
PTE50001004C4A	100	68.05
PTE50001604C4A	160	68.05
PTE50002504C4A	250	68.05
PTE50004004C4A	400	68.05
PTE50006004C4A	600	68.05

M12 Connecting Plug



2 Metre Cable Assembly

0378	£
181E-1003	18.90

EN175301-803, DIN43650

Tech Sheet 10132



PG11

0347			£
GDM2011-B	250V AC/DC	Black	1.65

Also suitable for Pneumatic Applications