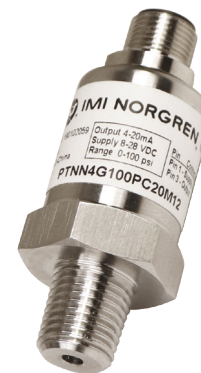




- > Robust design (stainless steel housing and wetted components)
- > Compact design and easy to install
- > CE and ROHS approved
- > Completely isolated element protected from harmful chemicals, dust, and other contaminants that could cause failure



Technical Data

Performance (@77°F):

Accuracy 0.4% FS, BFS
Stability 0.2% FS
Thermal Error 1% FS
Zero and Span Offset
Tolerances 1.5%

Compensated Temperatures:

14 to 212°F (-10 to 100°C)

Operating Temperatures:

-4 to 257°F (-20 to 125°C)

Shock:

50g, 11ms, 1/2 sign

Vibration:

11g peak from 10 to 400 Hz

Ingress Protection:

IP67

Proof Pressure:

3x rated pressure

Burst Pressure:

4x rated pressure

Fatigue Life:

> 4,000,000 cycles

Temperature:

-20° to 160°F (-28° to 71°C)

Approximate Current

Consumption:

4 mA (1-5V, 0-5V, 0.5-4.5V, 4-20mA)

11 mA (0-10V)

23 mA (4-20mA)

Supply Output/Voltage:

8-28 VDC (1-5V, 0-5V, 4-20mA)

5 VDC (0.5-4.5V, 0.5-4.5V)

12-36 VDC (0-10V)

Materials:

Housing and port:

316 stainless steel

Wetted materials: stainless steel

Diaphragm: 316 SS <1500 PSI,
17-4 SS > 1500 PSI

M12 Connector: Zinc plated brass

M12 O-Ring: NBR

Standard Models

Model Number	Description	Port Size	Pressure Range	Output Signal	Connection
PTNN4G100PC20M12	Pressure Transmitter	1/4" NPT	0 - 100 psi (0 - 6.9 bar)	Current 4 to 20ma output	4 pin M12
PTNN4G100PV05M12	Pressure Transducer	1/4" NPT	0 - 100 psi (0 - 6.9 bar)	Voltage 0 to 5 VDC output	4 pin M12
PTNN4G250PC20M12	Pressure Transmitter	1/4" NPT	0 - 250 psi (0 - 17.2 bar)	Current 4 to 20ma output	4 pin M12
PTNN4G250PV05M12	Pressure Transducer	1/4" NPT	0 - 250 psi (0 - 17.2 bar)	Voltage 0 to 5 VDC output	4 pin M12
PTNN4G500PC20M12	Pressure Transmitter	1/4" NPT	0 - 500 psi (0 - 34.5 bar)	Current 4 to 20ma output	4 pin M12
PTNN4G500PV05M12	Pressure Transducer	1/4" NPT	0 - 500 psi (0 - 34.5 bar)	Voltage 0 to 5 VDC output	4 pin M12
PTNN4G01KPC20M12	Pressure Transmitter	1/4" NPT	0 - 1000 psi (0 - 68.9 bar)	Current 4 to 20ma output	4 pin M12
PTNN4G01KPV05M12	Pressure Transducer	1/4" NPT	0 - 1000 psi (0 - 68.9 bar)	Voltage 0 to 5 VDC output	4 pin M12
PTNN4G03KPC20M12	Pressure Transmitter	1/4" NPT	0 - 3000 psi (0 - 206.8 bar)	Current 4 to 20ma output	4 pin M12
PTNN4G03KPV05M12	Pressure Transducer	1/4" NPT	0 - 3000 psi (0 - 206.8 bar)	Voltage 0 to 5 VDC output	4 pin M12

Accessories

Model Number	Description	Connection	Connector Shape	Operating Temperature	Cable Length
SCF12060	Pre-wired M12 Cable	4 pin M12	Straight	32°F to 140°F (0°C to 60°C)	6ft (2m)
SCF12160	Pre-wired M12 Cable	4 pin M12	Angled	32°F to 140°F (0°C to 60°C)	6ft (2m)

Warning

Improper selection, misuse, age or malfunction of components used in systems can cause failure in various modes. The system designer is warned to consider the failure modes of all component parts and to provide adequate safeguards to prevent personal injury or damage to equipment or property in the event of such failure modes. System designers and end users are cautioned to consult instruction sheets and specifications available from the factory. The system designer/end user is responsible for verifying that all requirements for the application are met.

Warranty

The products described herein are warranted subject to seller's Standard Terms and Condition of Sale, available at seller's website.

⚠ WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer. For more information, go to www.p65warnings.ca.gov.