

PTD2-S





















Sigfox Operated
Low Power Pressure Transmitter
for Liquid and Gas Media with Built-in
Temperature Sensor

MAIN FEATURES:

- Compatible with all Sigfox standard frequencies
- Wide range of industrial applications
- High accuracy
- Designed to meet outdoor applications
- Long-term durable performance in harsh environment
- Ultra-low power
- Suitable for liquids and gases compatible with SS316

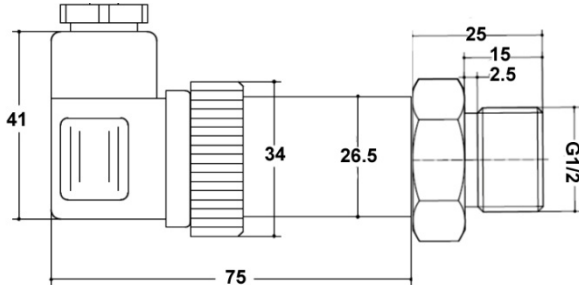


TECHNICAL SPECIFICATION




 Range:	Selectable between 0~0.5 to 0~1000	bar
 Pressure Accuracy (combined linearity, hysteresis, repeatability):	±0.25 (typ.)	%Span
 Temperature Accuracy:	0.1 (typ.)	deg.
 Pressure Reference:	Vented Gauge, Sealed Gauge, Absolute	
 Power Supply:	Built-in Battery	
 Battery Lifetime	20,000+ reading (More than 10 years for most of applications)	
 Sigfox Frequency Zone:	RC1, RC2, RC4 (RC3 on request)	
 Sampling Rate:	Max 140 Sample	per day
 Temperature Coefficient of Zero:	≤±0.02	%FS/°C
 Temperature Coefficient of Span:	≤±0.02	%FS/°C
 Long term stability (1 year):	≤ 0.2	%Span
 Pressure Overload	300 (range <1bar); 150 (higher range)	%FS
 Pressure Cycles (Zero to Full Scale):	10+	Million
 Compensated Temperature:	-10 ~ +70	°C
 Materials:	O-ring: Viton, Body: SS304, Diaphragm: SS316, Oil: Silicon / Olive, Enclosure: ASA	
 Process connection:	G1/4 Male (or others on request)	
 Weight:	550	g
 Protection Rate:	IP65 /IP67, UV protected	-

DIMENSION (mm)

Sensing Element Size:












Enclosure Size:

	H:	40mm
	W:	110mm
	D:	150mm

INDUSTRIES

-  Water & Environment
-  Agriculture and Farming
-  Smart Building
-  Mining & Construction
-  Marine
-  Oil & Gas
-  Food & Beverage
-  Transport & Logistics
-  ...

APPLICATIONS

-  Pump Performance Monitoring
-  Water Pipeline Pressure Monitoring
-  Pressurised System Monitoring
-  Chiller and Cooling System Monitoring
-  Hydraulic and Pneumatic Systems Monitoring
-  Liquid Storage Level Monitoring
-  Spraying System Monitoring
-  Air Compressor Monitoring
-  ...

ORDERING CODE

PTD2-S - Frequency Zone - Range - Pressure Reference - Process Port - (customised options)

Note: Standard product comes with RC4 zone, vented pressure reference, G1/4 process port and internal antenna