

PLD2-S



Sigfox Operated
Submersible Level Sensor
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 tank and storage level monitoring of liquids compatible with Stainless Steel

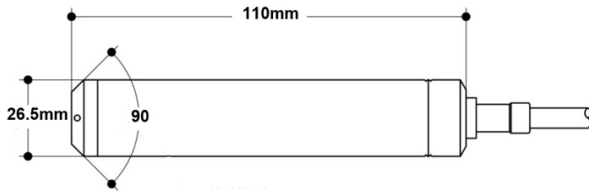


TECHNICAL SPECIFICATION

▮	Range:	2, 5, 10 (or other ranges)	bar
▮	Level Accuracy (combined linearity, hysteresis, repeatability):	±0.25 (typ.)	%Span
▮	Temperature Accuracy:	0.1 (typ.)	deg.
▮	Pressure Reference:	Vented Gauge	
▮	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:	≤±0.03	%FS/°C
▮	Temperature Coefficient of Span:	≤±0.03	%FS/°C
▮	Long term stability (1 year):	≤ 0.2	%Span
▮	Pressure Overload	150	%FS
▮	Pressure Cycles (Zero to Full Scale):	10+	Million
▮	Compensated Temperature:	0 ~ +60	°C
▮	Materials:	O-ring: Viton, Body: SS304, Diaphragm: SS316, Oil: Silicon / Olive, Enclosure: ASA	
▮	Process connection:	No Process Connection (or on request)	
▮	Weight:	~1,200 (for 5m range)	g
▮	Protection Rate:	IP65 /IP67 and UV protected enclosure IP68 for sensor head	

DIMENSION (mm)

Sensing Element Size:



Enclosure Size:

⌘	H:	40mm
⌘	W:	110mm
⌘	D:	150mm

INDUSTRIES

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

APPLICATIONS

- ⌘ Water Tank Level Monitoring
- ⌘ Fuel Tank Level Monitoring
- ⌘ Water Recourses Level Monitoring
- ⌘ ISO Tank Level Monitoring
- ⌘ Waste Water Tank Level Monitoring
- ⌘ Oil and Waste Oil Storage Tank Level Monitoring
- ⌘ ...

ORDERING CODE

PLD2-S - Frequency Zone - Range - (customised options)

Note: Standard product comes with RC4 zone, 5m range and internal antenna