

# PLD2-L

LoRaWAN Operated  
Submersible Level Sensor  
with Built-in Temperature Sensor

## MAIN FEATURES:

- Compatible with all LoRaWAN 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

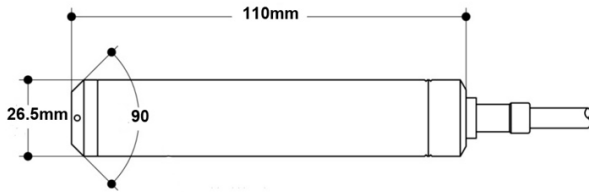


## TECHNICAL SPECIFICATION

▮	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)	
▮	LoRaWAN Frequency Zone:	All Standard Frequencies on request	
▮	Sampling Rate:	Pre-adjustable (from 1/min to 1/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-L - Frequency Zone - Range - (customised options)**

**Note:** Standard product comes with AU 915-928MHz, 5m range and external antenna