PLD2-L LoRaWAN™

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)	m H2O
	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 AS923MHz, 5m range and external antenna

Integrated IoT Solutions

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