P.T.I.

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AMETEK

Intrinsically safe solution for monitoring waste and non-potable water level.

The PTI, submersible pressure transducer is a cost effective level monitoring solution for monitoring within hazardous environments. Combined with the Cello CSO, Cello I.S. Mk2 and Cello GS, the PTI provides high accuracy over a wide selection of range options.

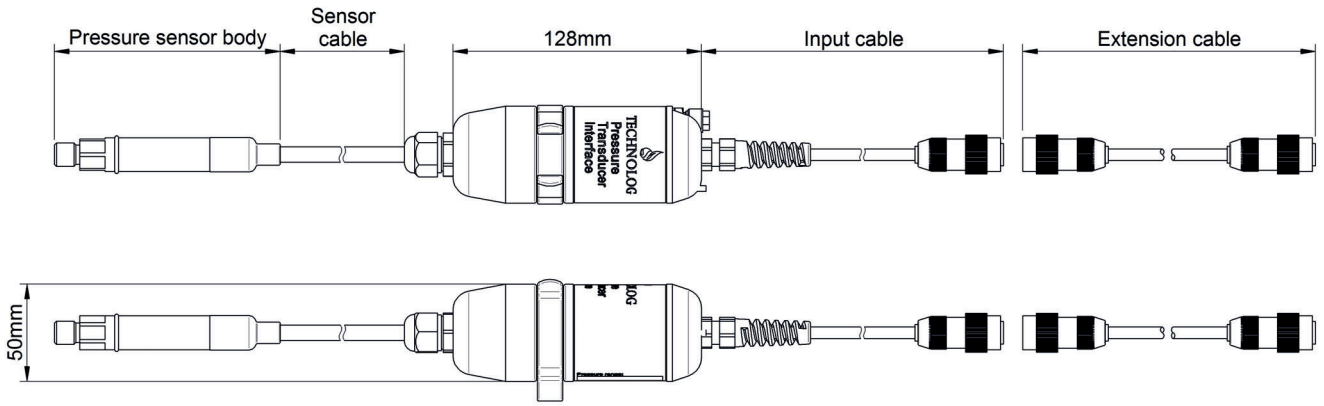
Key Features

- Multiple range and cable length options available
- High resolution and accuracy
- Powered by the Technolog data logger
- Certified intrinsically safe for use in hazardous areas (Zone 0)
- Submersible pressure transducer, not affected by foam or wind
- Rugged design
- Easy installation



Technical Specifications

Input	– Integrated Submersible Pressure (Depth) Sensor (Gauge type)
Range	– Integrated Submersible Pressure (Depth) Sensor (Gauge type) **Standard range:** 0 – 5 mH2O gauge with 7m cable *(Other pressure ranges and cable length available on request)*
Measurement	**Accuracy:** ±0.2% Full Scale (FS) Best Straight Line (BSL) **Resolution:** +/- 1mm **Response (on) time:** 3 seconds
Environmental	**Operating temperature:** -40°C to +50°C
Intrinsic Safety	**Certified Intrinsically Safe:** CSAE 22UKEX1372X Sira 14ATEX2026X - Ex ia IIB T4 Ga (Note UNIK5000 or PDCR1830 sensor fitted) IECEx SIR 14.0012X - Ex ia IIB T4 Ga (Note UNIK 5000 sensor only) **Ambient temperature:** -40°C to +60°C
Mechanical	**Input cable:** 400mm standard, optional = 10m **Dimensions (mm):** Pressure sensor body - 140 x 25 diameter (Unik 5000), 105 x 17.5 diameter (PDCR 1830)









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