

# PTM-10

High accuracy, Collecting, measuring water level – easy, convenient and highly accurate



## Features and Advantages

- ✓ Highly accurate
- ✓ Reliable and energy-saving
- ✓ Multiparameter probe (pressure and temperature)
- ✓ Ideal integration and compatibility
- ✓ Parameterisation via SDI-12
- ✓ Minimum energy demand
- ✓ Solid, compact, aluminium housing

## Technical Data

<b>General</b>	
Housing, dimensions in mm (L x DM)	160 x 24 mm
Weight (excl. battery)	200 g
Material	Stainless steel (316L / 1.4404),
Seals	Viton (Standard), EPDM, Kalrez
Operating / Storage temperature	-5° C ... +80° C / -10° C ... +80° C
Power supply	8 ... 30 V DC
Power consumption	active measurement < 6 mA   standby mode: < 0.5 mA (with a supply voltage of 12 V DC)
PRESSURE MEASURING RANGE	
Measurement range	0 ... 10m, 0 ... 1bar
Accuracy	0.01% FS
Units	mbar, bar, mWC, mH2O, psi, inWC, ftWC, inH2O
Zero point -5...50°C	≤ 0.03
Span -5...50°C	≤ 0.015
Long term stability,	< 0.2% FS / < 4 mbar (1 year (typ. / max.), the long term stability can be improved by ageing (burn-in) the sensor)
TEMPERATURE MEASURING RANGE	
Measurement range	-25° C ... +80° C
Accuracy	≤ ± 0.3 / ≤ ± 0.5 °C
Units	°C, °F, K
Cable length, (max.)	250m
Cable	PUR
<b>Interface</b>	
Digital sensor interface	1 x SDI-12 interface
User interface	1 x SDI-12 interface