

MPT411 General submersible level sensor

MPT411 Level sensor

Model: MPT411

Category: Level sensor

Range: 0-500m H₂O

Temperature: -20~+85

Signal output: mv/v, 0-5vdc, 4-20mA, Hart, Rs485

Application: Level measurement in petroleum, rivers, groundwater, reservoirs, water towers, tanks

Keywords: Level sensor, Water level



MPT411 (1)

Technical specifications

	0~1,5.....500m
Pressure type	Gauge
(mA/v)	Pressure transmitter: 0~5V; 0~10V; 4~20Ma. Pressure sensor: 1mV/V; 2mV/V, 2.5mV/V, 3.3mV/V, 10mv/v

Operating voltage (V)	24VDC (9~36V)- For 4-20mA and 0-10V; 5VDC-For 0.5-4.5V; 12VDC-For 0-5V; 0-10V
Accuracy	0.1, 0.25, 0.5
Repeatability (nonlinearity)(%FS)	≤ 0.1 , ≤ 0.2 , ≤ 0.3
Zero drift (%FS/4h)	≤ 0.1 , ≤ 0.2 , ≤ 0.3
Temperature drift(%FS/°C)	≤ 0.01 , ≤ 0.02 , ≤ 0.03
Long term stability (%FS/year)	$\leq \pm 0.1$; $\leq \pm 0.3$
Temperature compensation (°C)	0~+70

Measurement scheme for liquid level sensor

• MPT400



- Application: Liquid level measurement, river water level measurement, container liquid level measurement, seawater level measurement

Product Solution