

MPT412D Corrosion resistant PE digital level sensor

Model: MPT412D
 Category: Level sensor
 Range: 0-200m H₂O
 Operating temperature: , -30°C~+120°C
 Signal output: mv/v, 0-5vdc, 4-20mA, Hart, Rs485
 Application: level, level, oil level measure
 Features: Water level, Level sensor



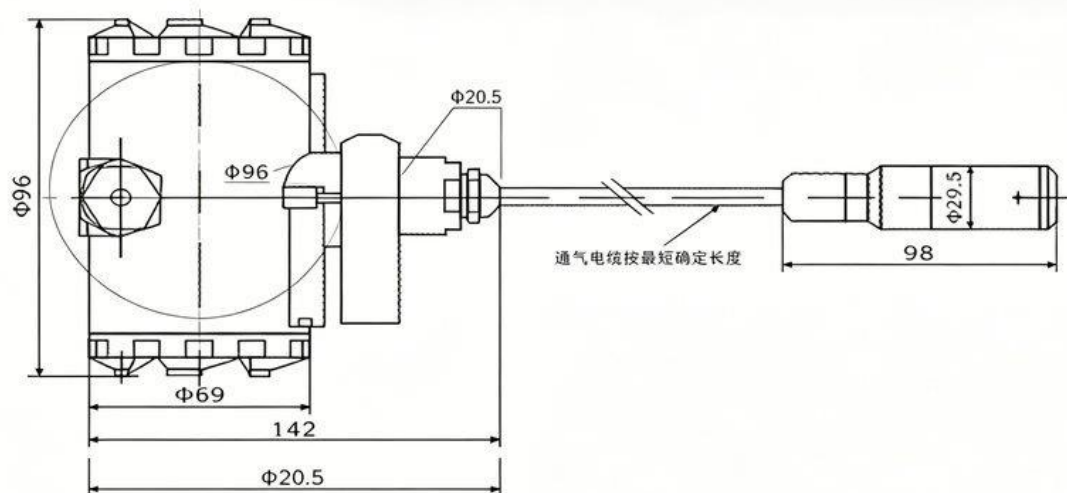
MPT412D (1)

Technical specifications:

	0 ~0.5 ~5 200 m
Pressure type	Gauge, absolute pressure
(mv/v)	Pressure transmitter: 0~5V; 0~10V; 4~20Ma. Pressure transmitter: 1mV/V; 2mV/V, 2.5mV/V, 3.3mV/V
Full scale output (mV)	30~60~120
Zero output (mV)	≤20



Accuracy (%FS)	0.1, 0.2, 0.3
Nonlinearity(%FS)	≤ 0.1 , ≤ 0.2 , ≤ 0.3
Zero drift (%FS/4h)	≤ 0.1 , ≤ 0.2 , ≤ 0.3
Temperature drift(zero & delicacy)(%FS/° C)	≤ 0.01 , ≤ 0.02 , ≤ 0.03
Long term stability (%FS/year)	$\leq \pm 0.1$; $\leq \pm 0.3$
Operating voltage(VDC)	24v (9~36v)
Temperature compensation(° C)	0~+80
Operating temperature(° C)	-.30~+120
Overload (%)	300
life	$> 1 \times 10^8$ pressure cycle(25° C)
Load resistance (Ω)	$R = (U - 12.5) / 0.02 - R_D$ resistance
Response time (ms)	≤ 1
Medium	compatible with Fluorin4 ethane medium
Diaphragm	ceramics
Housing material	Fluorin4 ethane
Connection thread	Submersible
Explosion-proof rating	NA
Dimensions	



Product Dimensions

Measurement scheme for liquid level sensor

- MPT400



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



Product Solution