SUBMERSIBLE PRESSURE TRANSMITTER, LEVELSENSOR



Order code: 903311-5-V 0-2m, 0-5m or 0-10m water Communnication I2C,

Pressure transmitter for diesel fuel, petrol or water level

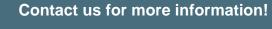
measurements applications



Connection: M12 quick connector or cable to terminal block

The pressure sensor is a pressure measuring element insulated by stainless steel corrugated film, an integrated fully welded structure, which can combine silicon piezoresistive pressurized oil core and pressure interface together, keeping the characteristics of semiconductor sensors while sealing more. reliable, measuring material wider, more versatile design.. Custom ASics for temperature compensation, linear calibration and measurement resolution with 16 bits.

Feature	For pressure and temperature measurement
Product form	LRW100
Electrical performance	
Operating voltage	3.3V DC
Working current	≤5mA
Output signal	I2C Digital signal, 16bit
Transmission performance	
IIC	Maximum clock frequency 100kHz
Technical parameter	
Pressure range	0kPa~100kPa
Pressure type	Gauge
linearity	±0.25%FSO
Retardation, repeatability	±0.05%FSO
Pressure normal temperature accuracy	±0.25%FS
Pressure load	300%FSO
Compensating temperature	0°C~50°C
Temperature measuring range	-20°C∼85°C
Housing material 316L stainless steel	
Insulation resistance should≥50MΩ/DC500V₀	
Environmental adaptability	
Operating temperature	-20°C∼85°C
Storage temperature	-55°C~125°C





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