

SUBMERSIBLE PRESSURE TRANSMITTER, LEVEL SENSOR

Automation manufacturer & supplier



CiTop-IoT

Delivers green light into your IoT automation projects!

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Order code: 903311-5-V
0-2m, 0-5m or 0-10m water
Communication 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/DC500V。 | |
| Environmental adaptability | |
| Operating temperature | -20°C~85°C |
| Storage temperature | -55°C~125°C |

Contact us for more information!



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