

ISPT-200



PRESSURE TRANSMITTER

The ISPT-200 with HART protocol converts input pressure signals into 4 to 20 mA analogue output signal. The SE62H can be programmed via three buttons alternatively through PC. Following parameters can be adjusted : Zero, Span, Decimal Point, Damping, Display Mode, Restore Data and so on. For parameter setting and visualization of measured value, liquid crystal displays with backlit is available. The transmitter is protected against wrong wiring and transient over voltages.

Specifications :-

| | |
|--------------------------------|---|
| Range | 0-1 Bar to 0-400 Bar |
| Material | 1. Sealing Ring : NBR/EPDM Others on request 2. Diaphragm : Al2O3 96% 3. Case : Stainless Steel/IP65 Die-Cast Aluminium |
| Signal/Supply | 4-20 mA (2 Wire) with superimposed communication signal for HART protocol |
| Accuracy | 0.1% / 0.075% of Span |
| Repeatability | .1% of Span |
| Permissible Temperature | Permissible Temperatue : -20°C to +85°C |
| Display Type | LCD Display with 5 digit |

-: Application

- ◆ Water Treatment Systems
- ◆ Pneumatics
- ◆ Compressor Control
- ◆ Pump Protection
- ◆ Refrigeration & Air Conditioning Control
- ◆ Process Controls

The sensors ISPT-200 LED are piezo resistive pressure sensors based on ceramic. The measuring bridge is printed directly on one side of the ceramic diaphragm by means of thick film technology. Because of the excellent chemical resistance no additional protection is normally required. The sensors are designed in such a way so that temperature changes and overloading do not cause any loss in reliability. The use of ceramic ensures high linearity across the entire range of measurement and reduces effects of hysteresis to minimum. The sensors are thermal compensated by laser adjustable FTC resistors.



The company has an engineering and technical expertise together with the facilities to address the diverse automation demands of the modern process industries, standard, special and customized control valves are all available on demand for use in a wide range of application and industries.

"As per Manufacturing and Quality Standards-CE/19408/1120 and ISO 9001:2015"



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