



Sandhurst Instruments Ltd



LH30 Pressure Transmitter

FEATURES

- ➔ Low Cost – small unit (23mm dia x 100mm)
- ➔ Superb chemical & corrosion resistance
- ➔ Excellent linearity
- ➔ Long term stability
- ➔ Any pressure range between 0-2 bar & 0-400 bar g.



The LH30 Pressure Transmitter consists of a temperature compensated piezo resistive measuring cell.

Pressure acting through a 6mm diameter pressure port on to a stainless steel diaphragm is transferred via a silicon oil fill to a ceramic sensing disc containing the strain gauge bridge

OPERATION

- ➔ 2 wire current loop
- ➔ Current Output : 4-20 mA
- ➔ Voltage Input : 24 Vdc
- ➔ Flying lead connection



Specifications

Characteristics	Typical
Linearity	< +/- 0.2 % FS BFSL
Repeatability	
Hysteresis	
Operating Temp. Range	-20 to + 120 °C
Compensated Temp. Range	0 to 70 °C
Long Term Stability	+/- 0.3 % of Span over 12 months
Thermal Zero Shift	<+/- 0.2 % of Span / °C
Thermal Span Shift	<+/- 0.04 % of Span / °C
Input	24 Vdc
Output	4-20mA
Operation	2 wire current loop
Connection	1 metre flying lead (longer lengths available)
Proof Pressure	2 x Rating
Burst Pressure	3 x Rating
Pressure Connection	1/4" BSP male
Diaphragm	316 Stainless Steel
Seal	Medium Nitrile
Wetted Parts	316 Stainless Steel

