

Description

Pressure Sensor PT-100 is strain gage based sensor. It is constructed from S.S. 17-4ph for corrosive and hygienic applications. Wide selection of pressure range from 0-50Bar to 0-1000Bar. It is suitable for liquid & gas with 1/4" (6.35 mm) 1/2" (12.7 mm) BSP Male/Female thread port.

Features

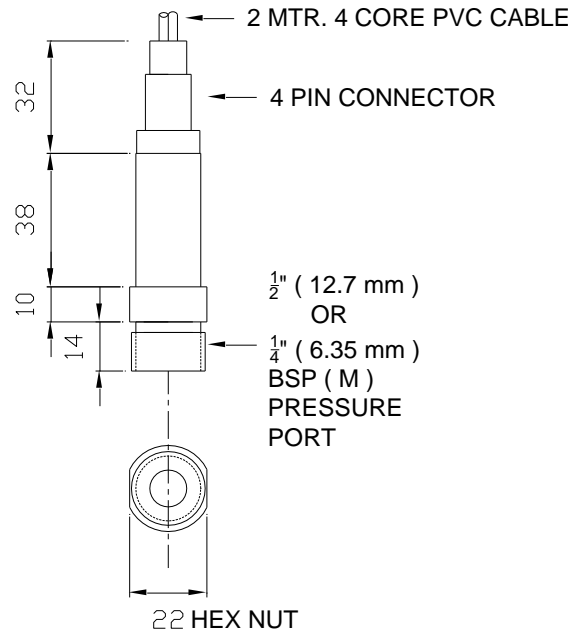
- Stainless Steel 17-4 PH construction
- Available up to 1000 bar pressure
- Accuracy better than 0.25% of span
- Easy for installation

Applications

- Pumps & Compressors
- Refrigeration
- Process Controls
- Tank Levels
- Hydraulic & Pneumatic Systems
- Industrial Equipments

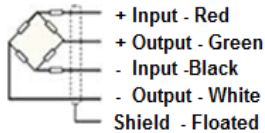
Performance Specification

Standard Capacities (Bar)	50,100,200,300,500,600,750,1000.
Excitation Voltage	10 VDC- Maximum 15 VDC
Nominal Output	2.0 m V/ V
Non - Linearity	< ± 0.25 % FSO (Full Scale Output)
Hysteresis	< ± 0.25 % FSO
Non-Repeatability	< ± 0.25 % FSO
Creep (30 minutes)	< ± 0.05 % FSO
Zero Balance	± 1.0 % FSO
Input Resistance	351 ± 5 Ohms
Output Resistance	351 ± 2 Ohms
Insulation Resistance (50 VDC)	> 1000 Mega Ohms
Cable Length (4 Core Screened)	2 Meters
Safe Overload of Rated Capacity	100%
Ultimate Overload of Rated Capacity	200%
Temp. Compensated Range	0-60°C
Temperature Effect on Output	< 0.04% FSO/ °C
Temperature Effect on Zero	< 0.04% FSO/ °C
Finish & Construction	Stainless Steel 17 – 4 PH
Environmental Protection Class	IP65



Electrical Termination

Options



- * Mounting Support Provided
- * Compatible Instruments with Relay output, 4-20 mA or 0-2 Volt Output
- * Digital Version with RS-485 interface / USB output / Blue Tooth Telemetry / Wireless Telemetry
- * Software for Graphic, Tabulation and Reporting

Specifications are subject to change. All dimensions are in mm.

	<p>Made in INDIA by:</p> <p>ADI ARTECH TRANSUCERS PVT. LTD.</p>	<p>917/1, G.I.D.C. Estate, Makarpura, Vadodara - 390 010, Gujarat, INDIA</p> <p>Mobile : +91-9374068998, 9879444551, 9054467370</p> <p>Email : sales@adiartech.com, adiartech@adiartech.com</p> <p>Website : www.adiartech.com</p>
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