

model

PT-100

PRESSURE TRANSDUCER



FEATURES :

- ❖ Stainless Steel 17-4 PH construction
- ❖ Available up to 500 bar pressure
- ❖ Accuracy better than 0.25%
- ❖ Easy for installation

DESCRIPTION :

- ❖ Strain gage based design
- ❖ S.S. construction for corrosive and hygienic applications
- ❖ Wide selection of pressure range
- ❖ Suitable for liquid & gas
- ❖ 1/4" (6.35 mm) 1/2" (12.7 mm) BSP Male/Female thread available

APPLICATIONS :

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

PERFORMANCE SPECIFICATION :

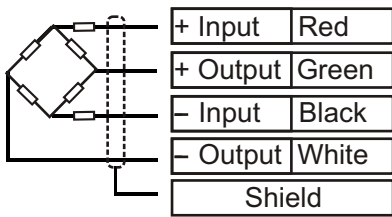
Standard Capacities (Bar)	: 5,10,20,50,100,200,300,500
Excitation Voltage	: 10 VDC - Maximum 15 VDC
Nominal Output	: 2.0 mV/V
Non - Linearity	: < ± 0.25 % FSO (Full Scale Output)
Hysteresis	: < ± 0.25 % FSO
Non-Repeatability	: < ± 0.25 % FSO
Creep (30 minutes)	: < ± 0.05 % FSO
Input Resistance	: 370 ± 5 Ohms
Output Resistance	: 350 ± 2 Ohms
Insulation Resistance (50VDC)	: > 1000 Mega Ohms
Safe overload	: 100%
Ultimate Overload of Rated	: 200 %
Temp. Compensated Range	: 0-60 °C
Temp. Effect on Output	: < 0.04 % FSO/ °C
Temp. Effect on Zero	: < 0.04 % FSO/ °C
Material of Construction	: Stainless Steel-17-4 PH
Environmental Protection Class	: IP68



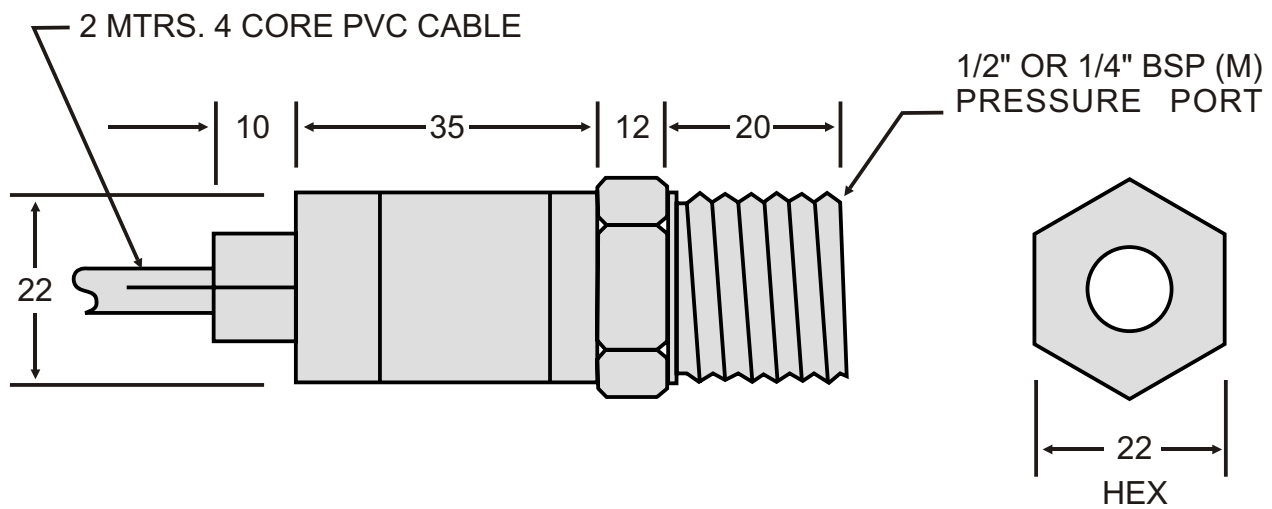
ADI ARTECH
TRANSDUCERS PVT. LTD.

A Joint venture with
ARTECH INDUSTRIES INC., U.S.A.

ELECTRICAL TERMINATION



4 CORE SCREENED CABLE



ALL DIMENSIONS ARE IN MM

ORDER INFORMATION :

ADI ARTECH is dedicated in maintaining adequate inventories of its Load Cells to provide the best service in the industry.

Order by the model number and indicate the capacity required.

Specifications are subject to change without notice



Manufactured by :

ADI ARTECH
TRANSDUCERS PVT. LTD.

A Joint venture with ARTECH INDUSTRIES INC., U.S.A.

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