



PRESSURE TRANSDUCER

PT 750 SERIES - WATER COOLED

FEATURES :

- Stainless Steel
- High Temperature
- Water Cooling Arrangement

APPLICATIONS :

- Hydraulic
- Process Control
- Automobiles



“AJAY SENSORS” Pressure Transducer, Type PT 750 series is based on a high performance sensor developed specifically for industrial and process applications. Uses stainless steel diaphragm and stainless steel body, which is compatible with most fluid and gaseous pressure media.

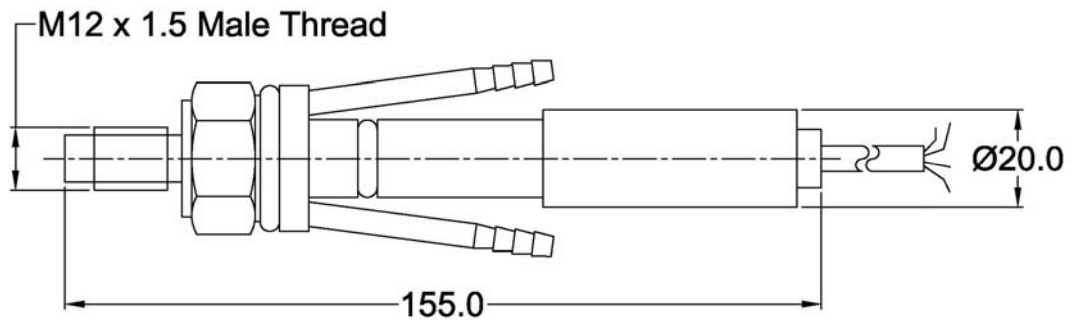
Each transducer incorporates a high performance silicon micro machined sensor mounted in a glass to metal seal which is electron beam welded to an isolation diaphragm so that only stainless steel is in contact with pressure media. It has very low hysteresis. Resists to-drop shock, impact and continuous vibration.

Pressure transducers can be supplied with a Digital Indicator, which offers a variety of features as listed in 289 Series Data Sheet.

SPECIFICATIONS

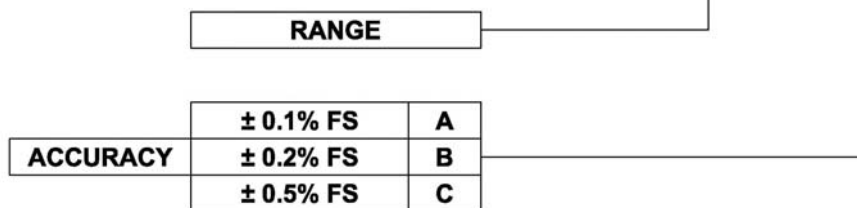
	Pressure Range (bar)			20, 50, 100, 200, 500, 800, 1000, 1500, 2000	
Rated Output	1.0 mV/V	1.5 mV/V	2.0 mV/V	Use Temp. Range	0°C to 85°C
Accuracy	± 0.2 %F.S	± 0.5 %F.S	± 1.0 %F.S	-with Water Cooled	100°C to 300°C
Input Voltage	10.0 VDC			Defend Grade	IP 67
Stability	± 0.25% FS / Year			Safe Overload	150 %F.S
Vibration	1 KHz of Mech. Shake			Pressure Media	Stainless Steel
Insulation Res.	≥ 2000 MΩ @ 100 VDC			Electrical Connection	3m Pig Tail Cable
I/P Resistance	350 Ω or 1000 Ω			Pressure Connection	M12 x 1.5 Male Thread
O/P Resistance	350 Ω or 1000 Ω				

Dimensions (mm) :



ORDER CODE

PT750 - XXX - XX - X - X - X



"AJAY SENSORS" RANGE OF PRODUCTS :

- Load Cells
- Pressure Transmitters
- Pressure Switch
- Digital Indicators
- Proximity Sensors
- LVDT's / Linear Potentiometer
- Thermocouples & RTD
- Temperature Switch

Manufactured By :



Ajay Sensors & Instruments
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Marketed By :

N.B. : Due to continuous development, we reserve the right to amend any Specification without notice.