



MELT PRESSURE TRANSDUCER / TRANSMITTER

PT 112 SERIES

FEATURES :

- Fluid Filled System
- High Temperature Application
- IP - 65 Protection

APPLICATIONS :

- Plastic Injection Moulding



“AJAY SENSORS” Melt Pressure Transducer, Type PT 112 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.

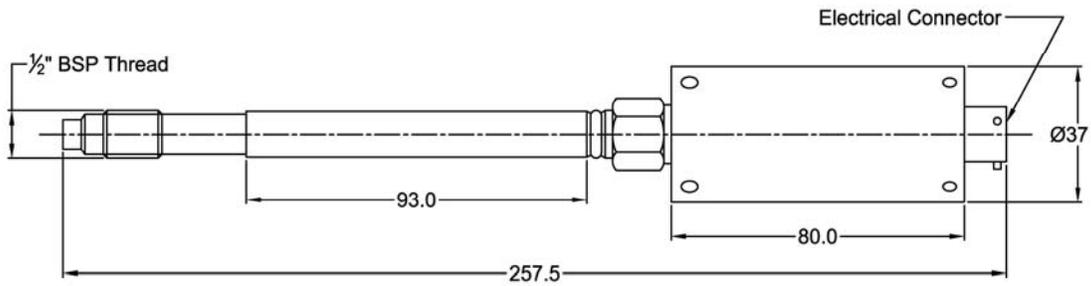
It has very low hysteresis. Resists to-drop shock, impact and continuous vibration. Operates at temperature ranging from (-) 30° C to + 120° C.

Melt 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)			35, 100, 200, 500, 1000	
Rated Output	4 - 20 mA	2 mV/V	Accuracy	± 0.25 / 0.5 % F.S.
Input Voltage	24 VDC	10 VDC	Electrical Connection	6 Pin Connector
Zero Balance	4 mA	± 5 % F.S.	Protection Degree	IP - 65
Strain Gauge Housing Compensated Temp. Range			0° C to 100° C	
Housing Temperature Range			(-) 30° C to + 120° C	
Diaphragm Maximum Temperature			400° C	
Material In contact with Process Medium			15 - 5 PH with Coating	

Dimensions (mm) :



ORDER CODE

PT 112 - XXXX - XX - X

RANGE	35 bar	0035	XXXX
	100 bar	0100	
	200 bar	0200	
	500 bar	0500	
	1000 bar	1000	
OUTPUT	4 - 20 mA	01	XX
	2 mV/V	02	
ACCURACY	0.25 % FS	A	X
	0.50 % FS	B	

"AJAY SENSORS" RANGE OF PRODUCTS :

- Load Cells
- Humidity Sensors
- 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.