



## PRESSURE TRANSDUCER

### PT 602 SERIES

#### FEATURES :

- Stainless Steel
- Small Size & Light Weight
- Submersible Type
- Corrosion Resistant

#### APPLICATIONS :

- Tanks
- Underwater Applications



“AJAY SENSORS” Pressure Transducer, Type PT 602 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.

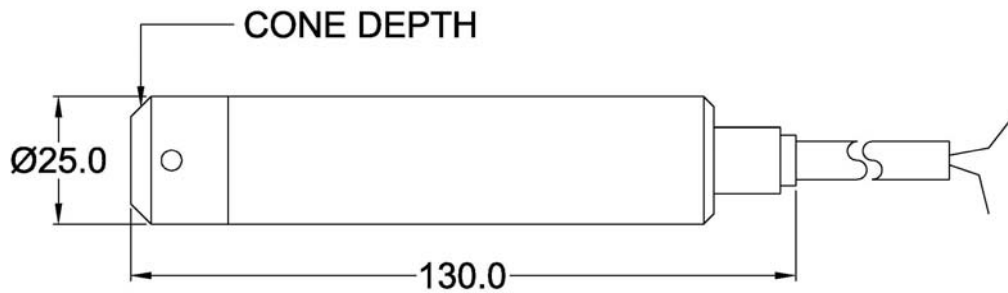
Each transducer incorporates a high performance silicon micro machined sensor mounted in a glass to metal seal which is electron beam welded to an isolation diaphragm so that only stainless steel is in contact with pressure media. These transducers have high output. It has very low hysteresis. Resists to-drop shock, impact and continuous vibration. Operates at temperature ranging from (-) 40 °C to + 125°C.

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				0 - 500 mm WC to 0 - 100 m WC	
Rated Output	4 - 20 mA	1-5 V	0-5 V	Insulation Res.	≥ 2000 MΩ @ 100 VDC
Accuracy	± 0.1 %F.S	± 0.2 %F.S	± 0.5 %F.S	Use Temp. Range	(-) 10 °C to + 80 °C
Input Voltage	24 VDC (12 - 30 VDC)			Defend Grade	IP 68
Stability	± 0.1% FS / Year			Safe Overload	150 %F.S
Load Resistance	800 Ω Max for Current Output			Pressure Media	Stainless Steel
	> 50 KΩ for Voltage Output			Electrical Connection	Pig Tail Cable

Dimensions (mm) :



ORDER CODE

**PT 602 - XXXX - XX - X**

	<b>0 - 500 mm WC</b>	<b>0500</b>
	<b>0 - 1000 mm WC</b>	<b>1000</b>
	<b>0 - 5000 mm WC</b>	<b>5000</b>
	<b>0 - 1 m WC</b>	<b>001M</b>
<b>RANGE</b>	<b>0 - 3 m WC</b>	<b>003M</b>
	<b>0 - 6 m WC</b>	<b>006M</b>
	<b>0 - 10 m WC</b>	<b>010M</b>
	<b>0 - 50 m WC</b>	<b>050M</b>
	<b>0 - 100 m WC</b>	<b>100M</b>
	<b>4 - 20 mA</b>	<b>01</b>
<b>OUTPUT</b>	<b>1 - 5 V</b>	<b>02</b>
	<b>0 - 5 V</b>	<b>03</b>
	<b>± 0.1% FS</b>	<b>A</b>
<b>ACCURACY</b>	<b>± 0.2% FS</b>	<b>B</b>
	<b>± 0.5% FS</b>	<b>C</b>

"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**

45/17, 12<sup>th</sup> "A" Cross, Gubbanna Indl. Garden,  
VI Block, Rajajinagar, Bangalore - 560 010.  
Tel : 080 - 2330 4997; Fax : 080 - 2338 1040.  
E-mail: ajaysensors@yahoo.com ;  
Website: www.ajaysensors.com

Marketed By :

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