



PRESSURE TRANSDUCER

PT 201 - g SERIES

FEATURES :

- Stainless Steel
- Choice of Electrical & Pressure Connection
- Temperature Compensated

APPLICATIONS :

- Hydraulic
- Refrigeration System
- Process Control
- Robotic
- Automobiles
- R & D Establishments



“AJAY SENSORS” Pressure Transducer, Type 201 - g series employs Strain Gauge (Foil Type) bonded to an integrally machined diaphragm and connected in a four active arm wheat stone bridge circuit. These transducers are fully temperature compensated for zero and sensitivity drift for a wide range.

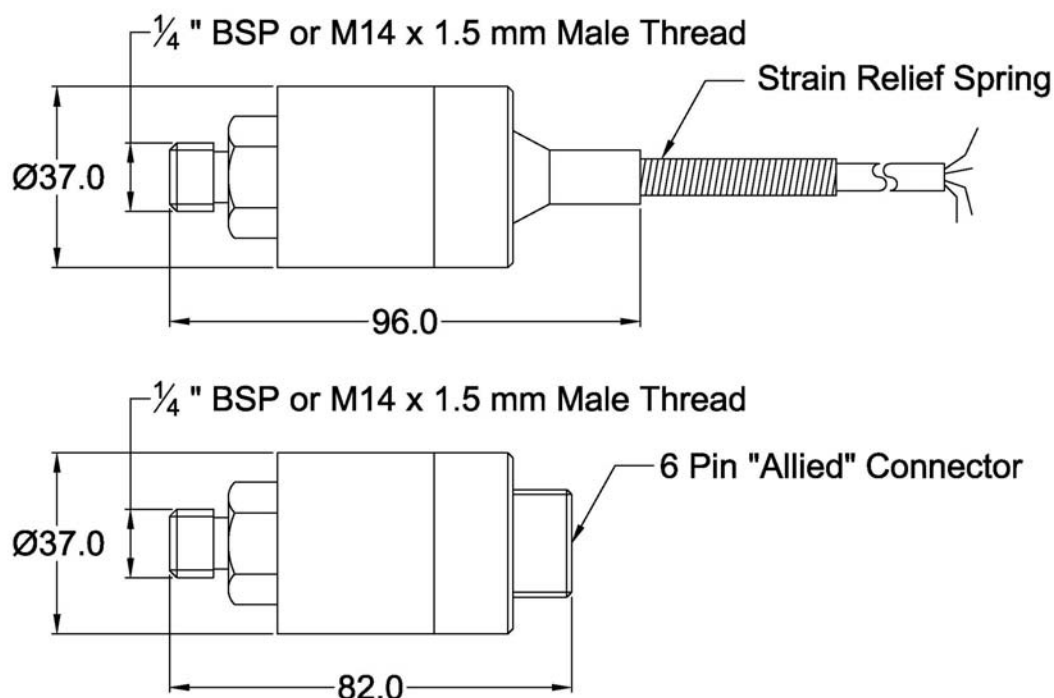
All transducers are stainless steel constructed, and withstands shock and vibration. Transducers are available in low and high level electrical voltage and current output. All transducers are individually calibrated and certified for its accuracies.

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

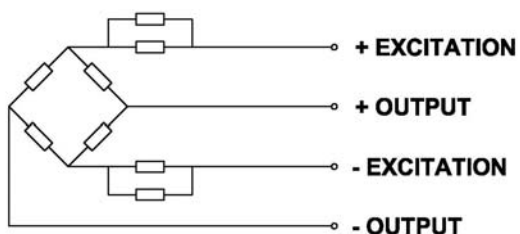
SPECIFICATIONS

Pressure Range (Kg/Cm ²)		20, 30, 50, 100, 150, 200, 250, 300, 400, 500, 600, 800	
Special Range (Kg/Cm ²)		1000, 1500, 2000	
Rated Output	2.0 mV/V \pm 0.1	Compensated Temp. Range	0°C to 80°C
Non-Linearity	\pm 0.25 %F.S	Use Temperature Range	(-) 20°C to 110°C
Hysteresis	\pm 0.20 %F.S	Temp. Effect on Zero	\pm 0.010 %F.S/°C
Resolution	Continuous	Temp. Effect on Span	\pm 0.010 %F.S/°C
Zero Balance	\pm 2.0 %F.S	Safe Overload	150 %F.S
Input Resistance	400 Ω \pm 30	Natural Resonant Frequency	Over 8 KHz
Output Resistance	350 Ω \pm 5	Pressure Media (Compatible)	Stainless Steel
Insulation Resistance	\geq 500 M Ω @ 45 VDC	Electrical Connection	Connector / 3m Pig Tail Cable
Excitation Voltage	10.0 VDC	Pressure Connection	¼” BSP / M14 X 1.5 mm Male

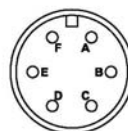
Dimensions (mm) :



Wiring Schematic Diagram :



Connector Details :



PINS 'A' & 'F' : + EXCITATION

PINS 'B' & 'E' : - EXCITATION

PIN 'C' : + OUTPUT

PIN 'D' : - OUTPUT

"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.