



PRESSURE TRANSDUCER

PT 204 - g SERIES

FEATURES :

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

APPLICATIONS :

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



“AJAY SENSORS” Pressure Transducer, Type 204 - 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.

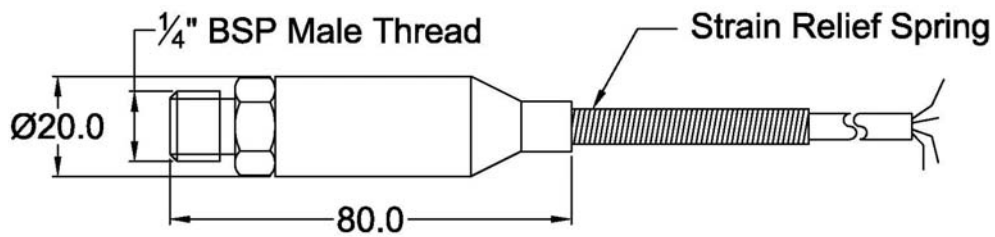
All transducers are stainless steel constructed, and withstand shock and vibration. All transducers are individually calibrated and certified for its accuracies.

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

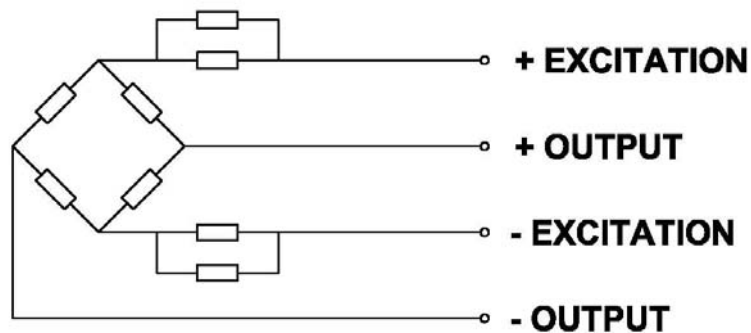
SPECIFICATIONS

| Pressure Range (bar) | | 20, 50, 100, 150, 200, 250, 300, 500, 600, 800 | |
|-----------------------|-------------------|--|--------------------|
| Rated Output | 2.0 mV/V ± 0.1 | Compensated Temp. Range | 0°C to 80°C |
| Non-Linearity | ± 0.20 %F.S | Use Temperature Range | (-) 20°C to 110°C |
| Hysteresis | ± 0.20 %F.S | Temp. Effect on Zero | ± 0.010 %F.S/°C |
| Resolution | Continuous | Temp. Effect on Span | ± 0.010 %F.S/°C |
| Zero Balance | ± 2.0 %F.S | Safe Overload | 150 %F.S |
| Input Resistance | 400 Ω ± 30 | Natural Resonant Frequency | Over 8 KHz |
| Output Resistance | 350 Ω ± 5 | Pressure Media (Compatible) | Stainless Steel |
| Insulation Resistance | ≥ 500 MΩ @ 45 VDC | Electrical Connection | 3 m Pig Tail Cable |
| Excitation Voltage | 10.0 VDC | Pressure Connection | ¼” BSP Male Thread |

Dimensions (mm) :



Wiring Schematic Diagram :



"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.