



**TSA**  
TRANSDUCER SENSORS AUSTRALIA



# **OEM** **Pressure** **Transmitter** **TSA-1200PT**

## **Features of the TSA-1200PT**

- Pressure Type: Gauge Pressure\*
- Working Temperature: -40°C~100°C
- Compensated Temperature: -10°C~80°C
- Storage Temperature: -50°C~125°C
- Signal Output: 4~20mA (0.5~4.5V)\*
- Accuracy:  $\pm 0.5\%$
- Power Supply: 10~30Vdc
- Protection: IP67 with M12 Plug & TSA Connector
- Process Connection: 1/4 BSPP\*
- Material: Stainless Steel, Cr18Ni9Ti & Ceramic
- Overload Pressure: 1.5 x Rated Pressure (Max. 3 x RP)
- Approvals: CE, RoHS Approved
- EMI: EN50081-1/-2; ENS: EN50082-2

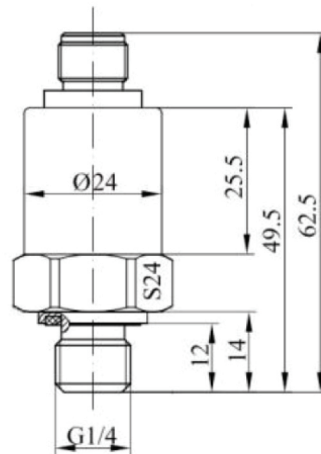
**12 MONTH  
WARRANTY**

\*Other options available



# Specifications

## Dimensions (mm)



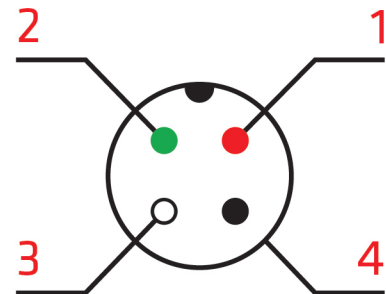
## Applications

- Industrial
- Air Compressors
- Building Water Supply Systems
- Hydraulic Control
- Air Conditioners
- Automotive Industry
- Heating Systems
- Refrigeration

## Electrical Connection

### Pin (2-Wire)

- |   |               |            |
|---|---------------|------------|
| 1 | Power Supply  | Red        |
| 2 | Output Signal | Green/Blue |
| 3 | NC            | ---        |
| 4 | Shield        | Black      |



## Order Code

TSA-1200PT-0000AB-MA5  
TSA-1200PT-0001AB-MA5  
TSA-1200PT-0005AB-MA5  
TSA-1200PT-0010AB-MA5  
TSA-1200PT-0016AB-MA5  
TSA-1200PT-0025AB-MA5  
TSA-1200PT-0050AB-MA5  
TSA-1200PT-0100AB-MA5  
TSA-1200PT-0200AB-MA5  
TSA-1200PT-0300AB-MA5  
TSA-1200PT-0400AB-MA5  
TSA-1200PT-0500AB-MA5  
TSA-1200PT-0600AB-MA5

## Range

-1~0bar (-100kpa) (-14.5psi)  
0~1bar (100kpa) (14.5psi)  
0~5bar (500kpa) (72.5psi)  
0~10bar (1000kpa) (145psi)  
0~16bar (1600kpa) (232psi)  
0~25bar (2500kpa) (362.5psi)  
0~50bar (5000kpa) (725psi)  
0~100bar (10Mpa) (1450psi)  
0~200bar (20Mpa) (2900psi)  
0~300bar (30Mpa) (4351psi)  
0~400bar (40Mpa) (5800psi)  
0~500bar (50Mpa) (7252psi)  
0~600bar (60Mpa) (8702psi)

## Plug Cable

M12-S4P-5M:  
M12 locking plug, straight,  
4 Pin, 5M Cable, Black, shielded



## Options

**Type:** Absolute A instead of Gauge G

**Process Connections:** G 1/2, NPT 1/4, 7/16-20UNF, M20x1.5

**Output Signals:** 0-20mA; 0/1-5 Vdc; 0.5 – 4.5Vdc; 0-10Vdc

**Supply Voltage:** 12-30Vdc; 15-24Vdc/24Vac; 5Vdc

**Connectors:** Packard, DIN43650C, DIN72585

**Certificates:** CE