

# Product Datasheet

## TSA-1202PT



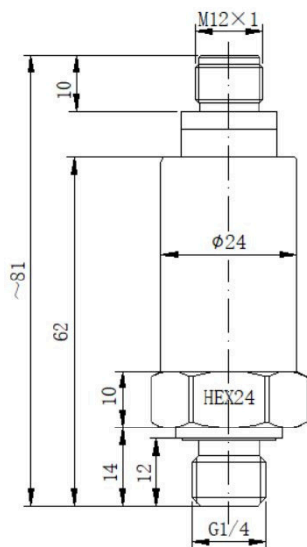
Pressure Transducers suited for applications where media freeze may occur.



### Description

TSA-1202PT series pressure transmitters are cost effective transducers designed for applications where the freezing of the media may occur in applications such as Air conditioning, refrigeration and irrigation. The ceramic piezo-resistive sensing element has a special wafer spring protection to allow for solidification and expansion of ice without causing damage.

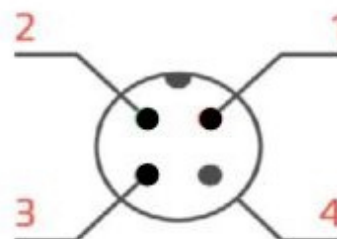
### Dimensions



### Electrical Connections

### Pins (2-Wire)

- 1.Power Supply
- 2.No Connection
- 3.Signal Output
4. Ground



## Technical Specifications

Measuring Ranges	0-2bar up to 0-50bar
Overload Pressure	1.5 x pressure range (2 x burst pressure)
Ingress protection	IP65 (with suitable M12 plug fitted)
Accuracy	±0.5% FS (ranges below 5bar 1.0% FS)
Seal	Chloroprene Rubber
Temperature	-35...105 C
Materials	316 Stainless Steel
EMC	EMI:EN50081-1/2, EMS:EN50082-2
Signal Output	4-20mA (2 wire)
Supply Voltage	10-30VDC/24VDC
Shock Resistance	20G

## Order Codes

<b>TSA-1202PT-0002AB-MA5</b>	0-2bar; 1/4" BSPP; M12 A code 4 pin male; 4-20mA; 0.5% Acc
<b>TSA-1202PT-0005AB-MA5</b>	0-5bar; 1/4" BSPP; M12 A code 4 pin male; 4-20mA; 0.5% Acc
<b>TSA-1202PT-0010AB-MA5</b>	0-10bar; 1/4" BSPP; M12 A code 4 pin male; 4-20mA; 0.5% Acc
<b>TSA-1202PT-0016AB-MA5</b>	0-16bar; 1/4" BSPP; M12 A code 4 pin male; 4-20mA; 0.5% Acc
<b>TSA-1202PT-0025AB-MA5</b>	0-25bar; 1/4" BSPP; M12 A code 4 pin male; 4-20mA; 0.5% Acc
<b>TSA-1202PT-0050AB-MA5</b>	0-50bar; 1/4" BSPP; M12 A code 4 pin male; 4-20mA; 0.5% Acc

Note: Custom pressure ranges, process connections, electrical connections and output signal type, is available on request but is subject to MOQ.