Product Data Sheet
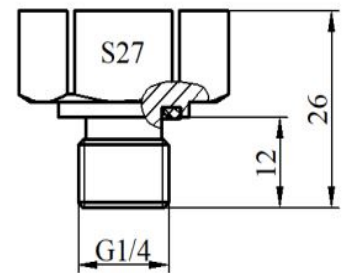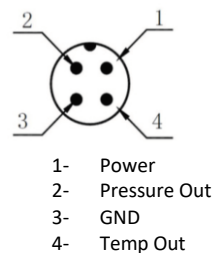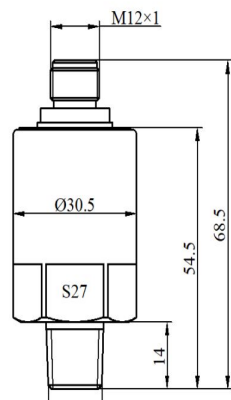**Combination Pressure and Temperature Sensor**
TSA-1000PT

Part Number: **TSA-1000PTT**

Ceramic pressure sensor with inbuilt PT100 temperature sensor. Suitable for pumps, compressors, hydraulics and pneumatic machinery where separate media temperature measurement is not practicle.
Designed for reliability and cost effectiveness.
Certain ranges and options will require a **Minimum Order Quantity** of 20 pieces.

1- Power
2- Pressure Out
3- GND
4- Temp Out

Technical Specifications

Pressure Ranges:	0….2bar up to 0....600bar gauge
Overload Pressure:	>1.5 x Full Scale
Ingress protection:	IP65 with suitable M12 fitted or DT04-3P
Accuracy :	+ 1.0% FS (pressure & temp)
Ambient Temp:	-20 ….85 °C
Temperature Range:	-40 ….105 °C measurement
Materials:	316 Stainless Steel
Process Connection:	G or NPT thread, 1/4"or 1/2, Metric thread
Signal Output:	4-20mA, 0.5 - 4.5V, 0-10V
Supply Voltage:	12-30VDC
Shock Resistance:	20G