

Temperature Sensor — the compact sensor solution with 4 ... 20 mA output



TEMPERATURE SENSOR FEATURES

- Easy installation in compressed air systems
- 4 ... 20 mA transmitter

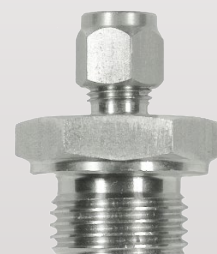
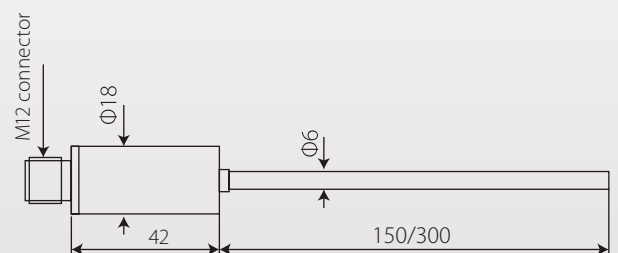
TEMPERATURE SENSOR INSTALLATION

- Temperature measurement in liquids, gases and vapors
- Inlet / outlet temperature of dryers
- Outlet temperature of compressors



Temperature sensor with 4 ... 20 mA output

TEMPERATURE SENSOR DIMENSIONS



Compression fitting

PRESSURE SENSOR TECHNICAL DATA

General Specifications	
Measuring range	-50 ... +200°C
Sensor	Pt1000, class A
Supply	16 ... 30 VDC
Output signal	4 ... 20 mA, 2 wire loop powered
Scaling	4 mA → -50°C 20 mA → +200°C
Accuracy	0.5% of reading + 0.2% FS
Connection type	M 12 connector
Tube material	Stainless steel 1.4571
Sensor diameter	6 mm
Sensor tube length	150 mm, 300 mm
Classification	IP65
Ambient temperature (electronics)	-40 ... +90°C

TEMPERATURE SENSOR ORDERING

Please use the following table to assist in placing your order with our sales staff.



Visit our website or e-mail us:
www.suto-itec.com
sales@suto-itec.com

Temperature Sensor	
Order No.	Description
S693 0003	Temperature transmitter, -50 ... +200°C, 4 ... 20 mA loop powered, 6 x 150 mm sensor tube
S693 0004	Temperature transmitter, -50 ... +200°C, 4 ... 20 mA loop powered, 6 x 300 mm sensor tube
A554 6003	Compressor fitting 6mm, G1/2", PTFE ring, 0.6 MPa
A554 6004	Compressor fitting 6mm, G1/2", metal ring, 1.6 MPa
A553 0104	Sensor cable 5 m, with M12 connector, open wires, AWG24 (0.2 mm ²)

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