

TS200 Series

Temperature transmitters



Features

- Compact design
- Protection type IP 65
- Perfect Long Term Stability
- RTD Component
- Cost effective
- Resistant against to vibration and temperature shocks

Description

TS200 series temperature transmitters are suitable for liquids, gas temperature measuring and controlling in the moderate media, with sensor probe working very well with long term stability at the high pressure of 100 bar

The measuring ranges, graded in accordance with EN, range from -100°C to the maximum temperature range of 600 °C

The wetted parts comprise stainless steel and are thus resistant to chemically aggressive media. The temperature connection and measuring element are welded together, making the measuring system particularly resistant to mechanical shock or vibration.

Technical Specification

Accuracy

$\pm 0.30\%$ FS

Overpressure

100 bar (G)

Protection Degree

IP65

Operating Temp. Range

See Table

Long Term Stability

<0,03 % of FS/Year

Body

Stainless Steel AISI316

Other, on request

Electrical Connection

DIN 43650A

Ambient Temperature

-40° to +85° C

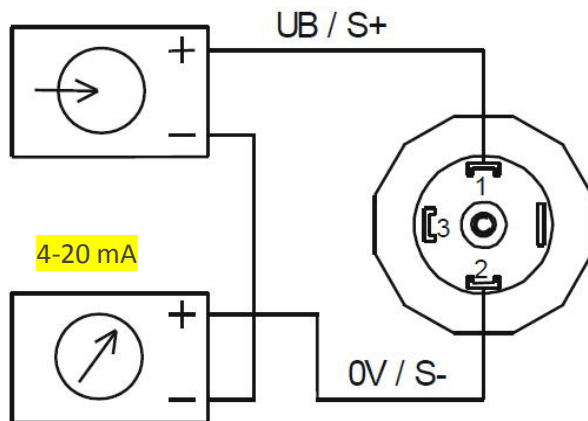
Process Connection

1/2", 3/4", 1" NPT or G, also sanitary

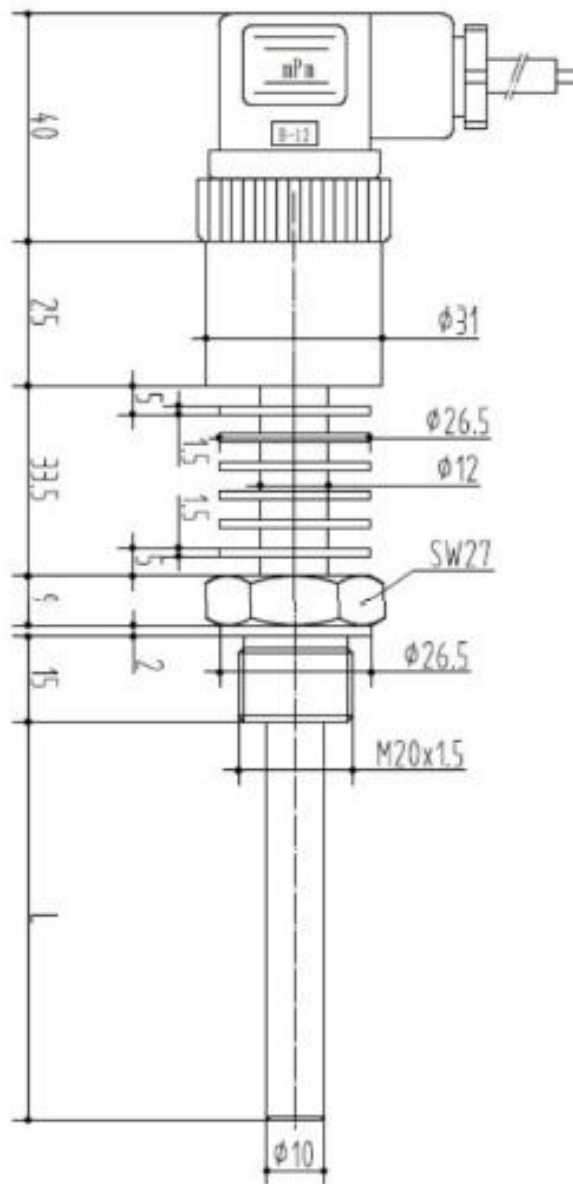
Electrical

2-wire, 4-20 mA, 12-36 VDC

Wiring



Dimensions



Measuring Range Table

Code	Range	Code	Range
001	-100...50°C	007	0...300°C
002	-100...100°C	008	0...400°C
003	0...50°C	009	0...500°C
004	0...100°C	010	0...600°C
005	0...150°C	XXX	Special Ranges
006	0...200°C		

Ordering Information

TS200 . XXX . XX . XX . XX . XXX.X	Display	N : None L : 4 digit LCD display
	Electrical Connection	DIN : DIN43650A EX : Ex d IIC T4,Aluminium Housing SS : Stainless Steel Housing
	Process Connection	01 : G 1/2" 02 : 1/2" NPT-M 03 : G 3/4" 04 : 3/4" NPT-M 05 : G 1" 06 : 1" NPT-M 07 : Clamp Connection DN25,40,50 pls.specify)
	Insertion Length (L)	Please fill directly as mm. (150 means 150 mm)
	Measuring Range	(Please see "Measuring Ranges Table")
	Output	420 : 4-20 mA