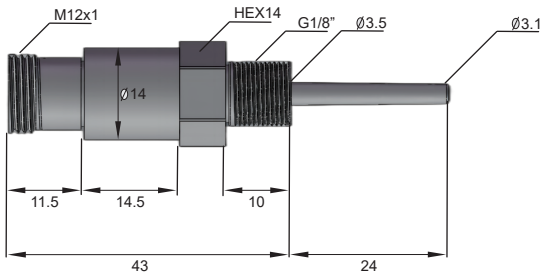
PT100 Temperature Detection - Probe

TP3.5N-G1/8-L24-T-SC

Dimension



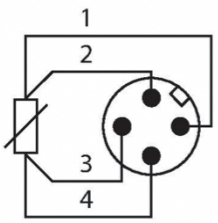
Type **TP3.5N-G1/8-L24-T-SC**

- PT100 Temperature Probe
- Probe length:24mm
- Connection mode: 4-wire connection
- Process connection G1/8" male thread
- Max. temperature connector: 120°C

Technical parameter

Measuring range	-50...120°C
Accuracy	±0.15℃+0.002
Measuring element	Pt-100 Class A
Probe length (mm)	24
Pressure resistance	100 (bar)
Output function	4-wire connection
Housing material	Stainless steel(304)
Process connection	Thread G1/8"
Electrical connection	4-pin M12x1 connector
Protection class	IP67
Ambient temperature	-40...120 °C
Auxiliary power	24 VDC

Wiring diagram



Selection Guide

TP 06 N – G1/4 – L... – U – SC

PT100 Transmitter

Probe Diameter

3.5: 3.5mm
06: 6mm

Probe Material

N: 304 Stainless steel
E: 316L Stainless steel

Probe Connection

G1/8: G1/8" external thread
G1/4: G1/4" external thread
G1/2: G1/2" external thread

Connection

SC: 4pin M12x1 connector
R2: 2m PUR cable
G2: 2m silver cable

Output Function

T: PT100, four wire
U: 0...10V Output
I: 4...20mA Output

Probe Length

units: mm