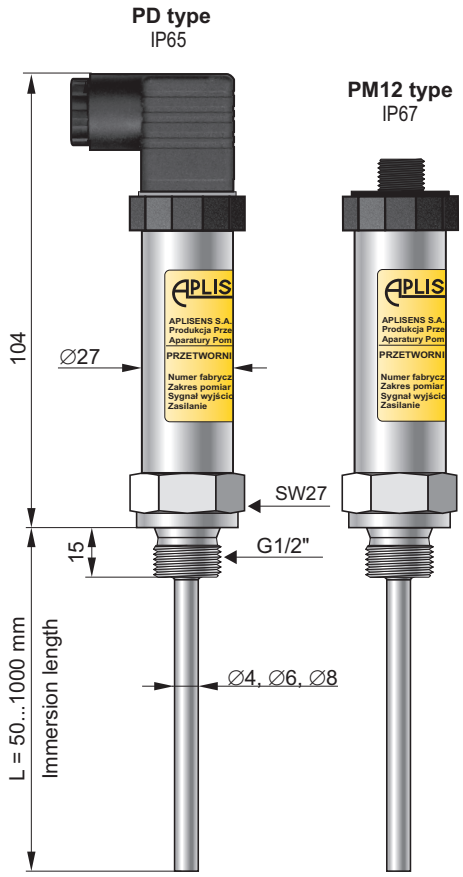
Temperature transmitter type PT-25

- ✓ **Output signal 4 ÷ 20mA**
- ✓ **Stainless steel casing and wetted parts**
- ✓ **Factory configured**

Application and construction

Temperature transmitter type PT-25 is designed for temperature measurement of liquid and gaseous media in range from -50 to +100°C. Resistance signal from RTD element is converted to standard 4…20mA output signal. Casing of transmitter and wetted parts are made in stainless steel. Transmitter is manufactured in two versions: with removable measuring insert and not removable measuring insert which has additional protection against vibrations. Available electrical connections are angular connector DIN EN 175301-803 or connector M12x1.



Technical data

Output signal	4...20mA
Measuring range	0...50°C, 0...100°C, -50...50°C, -50...100°C, 25...75°C, 50...100°C other on request
Minimum span	25K
Accuracy	± 1%
Power supply	8...35 V DC
Alarm signal	<3,1mA or >26,1mA
Wetted parts material	316
Sensor diameter	∅4, ∅6, ∅8mm
Process connection	G1/2", other on request
Immersion length	50...1000mm
Extension neck	on request
Ingress protection	PD - IP65, PM12 - IP67

Ordering procedure

PT-25/___/L = ... mm/___/___/___/__÷__°C/___

Electrical connection: **PD** (connector DIN EN 175301-803)
PM12 (connector M12x1)
Immersion length: **L=...mm** (standard: 50, 100, 150, 200, 250 mm other length on request)
Diameter of sensor: 4, **6**, **8 mm**
Connection thread: **G1/2"**, other on request
Measuring range
Alarm signal: **23 mA**
Measuring instert: **R** - removable, **NR** - not removable