

Temperature Sensors Class A & B Type Pt 100

CARLO GAVAZZI



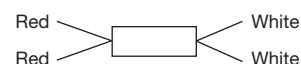
- Sensor type Pt 100
- Acid proof Stainless Steel housing, cylindrical
- Diameter: Ø 6 mm
- Cable connection
- Use screw-in pipe type RFL for measuring temperature of liquids

Typevalg

Measuring object	Dimensions	Cable-type	Cable-type	Temperature range	Ordering No.	Sensor class	Cable type
Air	A	a	3 m	-50°C to +160°C	PT100160-6-3M	Class B	a: Silicone cable, 4-core
Liquid*	B	d	2 m	-40°C to +180°C	PT100180-4-2M	Class B	b: Teflon cable, 2-core
Liquid*	B	d	5 m	-40°C to +180°C	PT100180-4-5M	Class B	c: Steel armoured cable, 2-core
Liquid*	B	d	7 m	-40°C to +180°C	PT100180-4-7M	Class B	d: Silicone cable, 2-core
Liquid*	B	d	10 m	-40°C to +180°C	PT100180-4-10M	Class B	e: Shielded silicone cable, 2-core
Liquid*	D	e	10 m	-40°C to +180°C	PT100180-4-10M-S-150	Class B	f: Shielded silicone cable, 4-core
Liquid*	B	e	10 m	-40°C to +180°C	PT100180-4-10M-S	Class B	
Liquid*	B	a	3 m	-40°C to +180°C	PT100180-5-3M	Class B	
Liquid*	B	e	3 m	-40°C to +180°C	PT100180-5-3M-S	Class B	
Liquid*	B	e	3 m	-40°C to +180°C	PT100180-5-3MS-A	Class A	
Liquid*	B	a	7 m	-40°C to +180°C	PT100180-5-7M	Class B	
Liquid*	B	f	7 m	-40°C to +180°C	PT100180-5-7M-SA	Class A	
Liquid*	B	a	10 m	-40°C to +180°C	PT100180-5-10M	Class B	
Liquid*	B	f	10 m	-40°C to +180°C	PT100180-5-10M-S	Class B	
Liquid*	B	b	2 m	-50°C to +250°C	PT100250-3-2M	Class B	
Liquid*	B	c	3 m	-50°C to +300°C	PT100300-2-3M	Class B	

Cable dimension:
Core dimension: 0,25 mm²

Colour code, 4-core types



Earlier editions

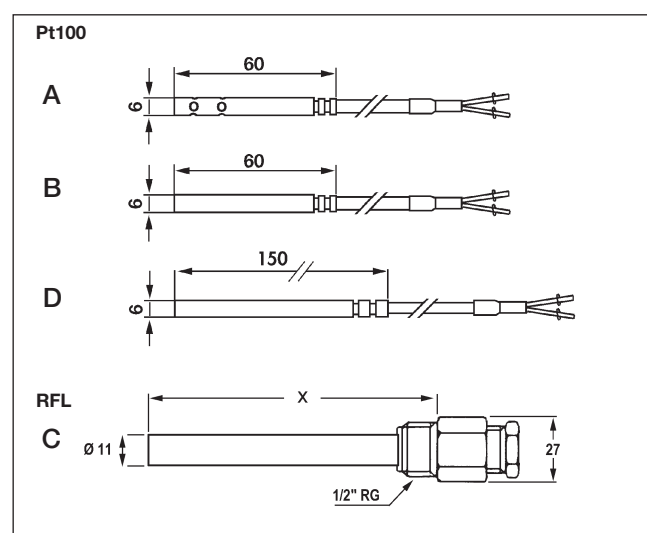


Shield:

Ending with yellow/green wire

* The use of screw-in pipe is recommended for measuring liquids

Dimensions (mm)



Accessories

Screw in pipes for plug-in sensors

Material: Acid-fast stainless steel
Temperature: Max. 600°C
Pressure: Max. 50 ATO
Internal diameter: Ø 7 mm

Length (x)	Ordering No.	Dimensions
100 mm	RFL-1	C
100 mm	RFL-1-G	C
50 mm	RFL-2-G	C
45 mm	RFL-2-M	C
75 mm	RFL-3-M	C
50 mm	RFL-3-V	C
200 mm	RFL-4-V	C
450 mm	RFL-5-V	C