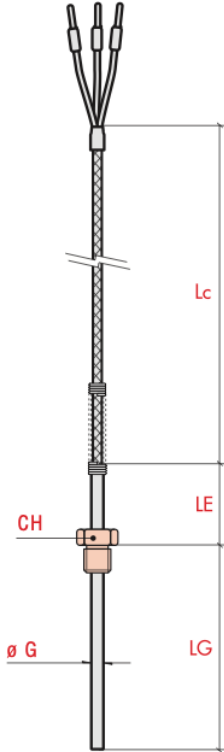




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General purpose sensors with wire



Connections

Single element

White A
Red B

White A
White A
Red B
Red B

Dual element

White A1
White A2
Red B1
Red B2
Red B2

Mounting Fittings
 (for models without fixed attaching device only)

Suggested adjustable compression fittings

Material	ø1	L	CH	øG	Model
AISI 316	1/4"G	12	17	6	Z1 RFS-B/F060
	1/2"G	14	24	6	Z1 RFS-B/I060
	1/4"G	12	17	8	Z1 RFS-B/F080
	1/2"G	14	24	8	Z1 RFS-B/I080
	1/2"G	14	24	10	Z1 RFS-B/I000
Treated brass	1/4"G	12	17	6	Z1 RFS-O/F060
	1/2"G	14	24	6	Z1 RFS-O/I060
	1/4"G	12	17	8	Z1 RFS-O/F080
	1/2"G	14	24	8	Z1 RFS-O/I080
	1/2"G	14	24	10	Z1 RFS-O/I000

W1 Straight RTD,
A2 6 to 10mm o.d.,
 optional fixed
 screw fitting

- Range from -200 °C to +300 °C
- Nominal resistances from +0 °C to +100 °C, 1000 Ohm (others on request)
- Alfa 0,00385 or 0,00392
- IEC751, DIN 43760
- Tolerance class B or A, 1/3, 1/5 or 1/10 as DIN 43760
- Number of wires: 2/3/4
- Single or double element
- Diameters from 2 mm to 8 mm
- Sheath in AISI304 or AISI316 (other on request)
- Simple execution
- Junction transition in Aisi with crease-resistance spring or only with spring
- Option of plate for contact measuring
- Extension cable with various size and insulations (Pvc, teflon, silicon rubber, armour fiberglass) - DIN BAR Transmitter
- Fix or sliding compression fittings
- Aerothermic bore for ambient survey

Type of wire	Diam. øG mm	Base code	Value in [ohm] at 0°C	Element N° and limits	Type of RTD	Sheath material	Sheath LG mm	Type of thread	Extension LE mm	Lc wire length m	Type of termination								
Tinned EEs:300°C max PP O 100°C max	6	A2 A60	P Pt100 DIN - IEC	0 3-wire single el. Cl. B (1 DIN)	0 300°C	B AISI 316	0100	S Without	00 Without	10 1	P 								
TS O 200°C max Ts T 220°C max	6	A2 D60										X Pt500 DIN - IEC	1 3-wire single el. Cl. A (1/2 DIN)	1 200°C	0050	D M10 x 1.5 - L13 CH -14 (solo ø6)	02 20	05 0.5	S
Tinned EEs:300°C max PP O 100°C max	7	A2 A70	Y Pt1000 DIN - IEC	2 3-wire single el. 1/3 DIN							S 								
TS O 200°C max Ts T 220°C max	7	A2 C70										Z Ni100 DIN - IEC	3 4-wire single el. Cl. A (1/2 DIN)		0150	E 1/8" Gas - L12 CH -14 (solo ø6)	03 30	15 1.5	Insul. and tinned leads
	7	A2 D70											4 4-wire single el. 1/3 DIN		0200	F 1/4" Gas - L13 CH -17	05 50	20 2	F
Tinned EEs:300°C max PP O 100°C max	8	A2 A80									D 								
TS O 200°C max Ts T 220°C max	8	A2 C80										5 4-wire dual Cl. B (1 DIN)		0250	H 3/8" Gas - L15 CH -22	08 80	25 2.5	25 2.5	D Faston 6.35
	8	A2 D80										6 6-wire dual el. Cl. B (1 DIN)		0300	I 1/2" Gas - L15 CH -24		30 3	30 3	Miniature plug
	8	A2 G80										7 7-wire dual el. Cl. A (1/2 DIN)		0350	M 1/8" NPT - L10 CH -14 (solo ø6)		35 3.5	35 3.5	G
	8	A2 H80										8 8-wire dual el. 1/3 DIN		0400	N 1/4" NPT - L13 CH -17		40 4	40 4	Standard plug
Tinned EEs:300°C max PP O 100°C max	10	A2 A00									J 								
TS O 200°C max Ts T 220°C max	10	A2 C00												0450	P 3/8" NPT - L15 CH -22		45 4.5	45 4.5	Cylindrical plug ø 17
	10	A2 D00												0500	Q 1/2" NPT - L15 CH -24		50 5	50 5	R
	10	A2 G00												L min 0035			00 10	00 10	Male ø 12 cylindrical plug

Note: other lengths on request for LG, LE and LC. Code ex.: LG = 135 mm Code 0135 / LE = 60mm Code 06 / Lc = 7m Code 70

Reference model:

Straight RTD with tinned EEs wire, 6mm sheath o.d., 3-wire Pt100 single el., class B (1 DIN), ceramic element, AISI 316 sheath, 100mm length, no compression fitting, no extension, 1m wire and ø 1.8 terminals.

W1 A2 A60 - P 0 0 - B 0100 - S 00 - 10 P

