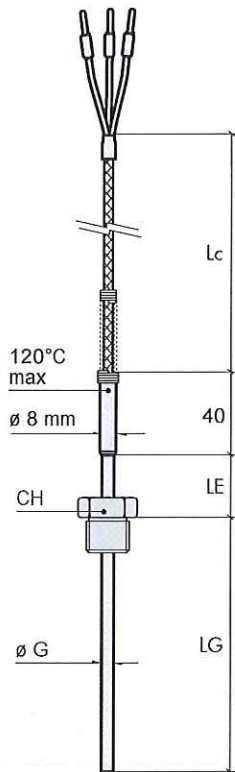


General purpose MgO sensors



Connections

Single element

White A
Red B
2/3 wire

White A
Red B
4 wire

Dual element

White A1
White A2
Red B1
Red B2
4/6 wire

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	6.35	Z1 RFS-B/F063
	1/4"NPT	15	17	6.35	Z1 RFS-B/N063
	1/4"G	12	17	8	Z1 RFS-B/F080
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

P5 Straight RTD, o.d. from 6 up to 8mm, connection wire, optional fixed attaching device

Type of wire	Diam. øG mm	Base code	Value in Ω 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
EES - stn 300°C max	6	P5 A60	P Pt100 DIN/IEC	0 3-wire single el. Cl. B (1 DIN)	0 Ceramic 750 °C max	B AISI 316	0100	S None	00 None	10 1	P Terminals ø 1.4 - 1.8 max
TS O 200°C max	6	P5 D60									
TS T 220°C max	6	P5 G60		1 3-wire single el. Cl. A (1/2 DIN)			0150	F 1/4" Gas - L13 CH - 17	03 30	05 0.5	S Insul. and tinned leads
EES - stn 300°C max	6.35	P5 A63		2 3-wire single el. 1/3 DIN			0200	H 3/8" Gas - L15 CH - 22	05 50	15 1.5	F Faston 6.35
TS O 200°C max	6.35	P5 D63		3 4-wire single el. Cl. A (1/2 DIN)			0250	I 1/2" Gas - L15 CH - 24	08 80	20 2	F Miniature plug
TS T 220°C max	6.35	P5 G63		4 4-wire single el. 1/3 DIN			0300	N 1/4" NPT - L13 CH - 17		25 2.5	D Standard plug
EES - stn 300°C max	8	P5 A80		6 6-wire dual el. Cl. B (1 DIN)			0350	P 3/8" NPT - L15 CH - 22		30 3	G Cylindrical plug ø 17
TS O 200°C max			7 6-wire dual el. Cl. A (1/2 DIN)			0400			35 3.5	J Male ø 12 cylindric plug	
TS T 220°C max			8 6-wire dual el. 1/3 DIN			0450			40 4		
							0500			45 4.5	
							L min 0080			50 5	
										00 10	

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



Reference model:
Straight MgO RTD with tinned EEs wire, 6mm ø sheath, 3-wire Pt100 single element, class B (1 DIN), ceramic element, AISI316 sheath, 100mm length, no attaching device, no extension, 1m wire and 1.8mm diam. terminals.

P5 A60 - P 0 0 - B 0100 - S 00 - 10 P

