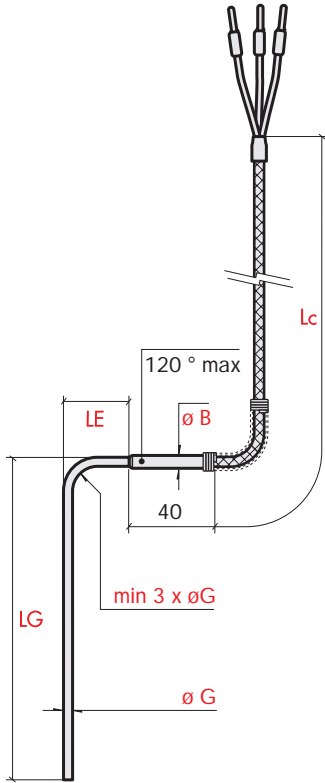
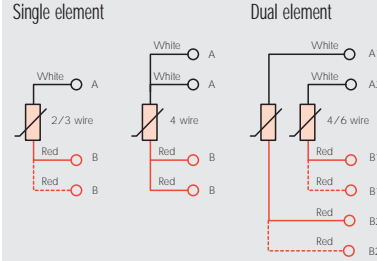


# General purpose MgO sensors

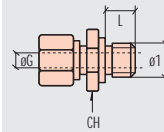


## Connections



## Mounting Fittings

Suggested adjustable compression fittings



Material	Ø1	L	CH	ØG	Model
AISI 316	1/8" G	10.5	12	3	Z1 RFS-B/EO30
	1/8" NPT	10.5	12	3	Z1 RFS-B/MO30
	1/8" G	10.5	12	4.5	Z1 RFS-B/EO45
	1/8" NPT	10.5	12	4.5	Z1 RFS-B/MO45
	1/4" G	12	17	6	Z1 RFS-B/FO60
	1/2" G	14	24	6	Z1 RFS-B/IO60
Treated brass	1/4" G	12	17	6	Z1 RFS-O/FO60
	1/2" G	14	24	6	Z1 RFS-O/IO60

**P6** 90° angle RTD,  
o.d. from 3 to 6 mm,  
with extension wire.

Type of wire	Diam. mm ØG ØB	Base code	Value in Ω at 0°C	Element N° and limits	Type of RTD	Sheath material	Sheath LG mm	Extension LE mm	Lc wire length m	Type of termination			
EEs - stn 300°C max	3 5	P6 A30	P Pt100 DIN - IEC	0 3-wire single el. Cl. B (1 DIN)	0 Ceramic 750 °C max	B AISI 316	Ø100	02 20	10 1	P			
TS O 200°C max	3 5	P6 D30								S			
TS T 220°C max	3 5	P6 G30								F			
EEs - stn 300°C max	4.5 6	P6 A45		1 3-wire single el. Cl. A (1/2 DIN)					S				
TS O 200°C max	4.5 6	P6 D45		2 3-wire single el. 1/3 DIN					0200	08 80	15 1.5	Insul. and tinned leads	
TS T 220°C max	4.5 6	P6 G45		3 4-wire single el. Cl. A (1/2 DIN)					0250		20 2	F	
				4 4-wire single el. 1/3 DIN					0300		25 2.5	Faston 6.35	
EEs - stn 300°C max	6 8	P6 A60		6 *6-wire dual el. Cl. B (1 DIN)						D			
TS O 200°C max	6 8	P6 D60		7 *6-wire dual el. Cl. A (1/2 DIN)						0350		30 3	Miniature plug
TS T 220°C max	6 8	P6 G60		8 *6-wire dual el. 1/3 DIN						0400		35 3.5	G
										0450		40 4	Standard plug
										0500		45 4.5	J
												50 5	Cylindrical plug ø 17
						00 10	R						
				* ø 4.5 and ø 6 only		L min 0080		Male ø 12 cylindric plug					

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:

90° angle MgO RTD with tinned EEs wire, 4.5 sheath o.d., 3-wire Pt100 single element, class B (1 DIN), ceramic element, AISI 316 sheath, 100mm length, 20mm extension, 1m extension wire and 1.8mm ø terminals.

