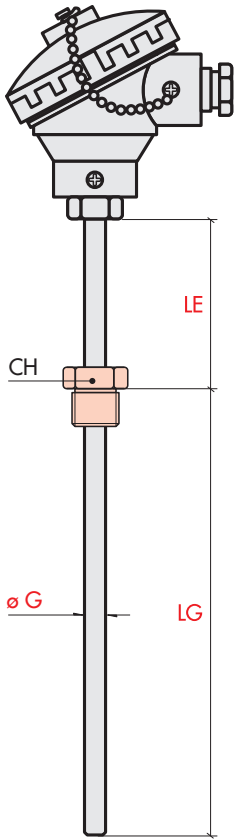
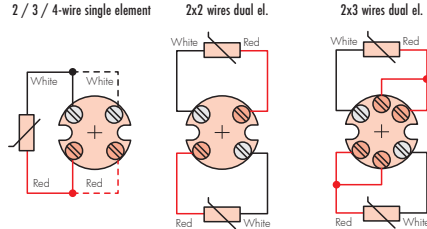


Middle-pressure MgO sensors with replaceable insertion

Straight RTD
 ø 10 and ø 13.5 mm
 with connection head,
 optional fixed
 attaching device



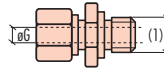
Electrical connections



Mounting Fittings (see data sheet Z1 Accessories)

(for models without fixed attaching device only)

NPT adjustable compression fittings



Material	Type of thread (1)	øG	Code
AISI 316	1/2" G	10	Z1 RFS-B/1100
	1/2" NPT	10	Z1 RFS-B/Q100
	1/2" G	13.5	Z1 RFS-B/1135
	1/2" NPT	13.5	Z1 RFS-B/Q135

Connection head	Diam. øG mm	Base code	Value in Ω at 0°C	Element N° and limits	Type of RTD	Sheath material	Sheath LG mm	Type di Type of thread	Extension LE mm
Standard IP67 optional Transmitter **	10	R1 S10	P Pt100 DIN - IEC	0 3-wire single Cl. B (1 DIN)	0 Ceramic 750 °C max	B AISI 316	0100	S None	00 None
	12	R1 S12							
	13.5	R1 S13							
	10 + T	R1 T10							
	12 + T	R1 T12							
	13.5 + T	R1 T13							
II 2G Ex db IIC Gb IP67 optional Transmitter **	10	R1 X10	1 3-wire single Cl. A (1/2 DIN)	1 Thin film 250 °C max	B AISI 316	0150	H 3/8" Gas - L15 CH - 22	05 50	
	12	R1 X12							
	13.5	R1 X13							
	10 + T	R1 U10							
	12 + T	R1 U12							
	13.5 + T	R1 U13							
						2 3-wire single 1/3 DIN			
						3 4-wire single Cl. A (1/2 DIN)			
						4 4-wire single 1/3 DIN			
						6 6-wire dual Cl. B (1 DIN)			
						7 6-wire dual Cl. A (1/2 DIN)			
						8 6-wire dual 1/3 DIN			
							0350		
							0400		
							0450		
							0500		
							L min		
							0080		

Note: for LG and LE other lengths upon request. Code example: LG = 135mm cod. 0135 / LE = 60mm cod. 06, For ø G = 10 insertion ø 6 – For ø G = 13.5 insertion ø 8, ** Transmitter for single element only

Product code example: **R1 S10 - P00 - B0100 - S00**

Straight MgO RTD, standard head, ø 10mm sheath, 3-wire Pt100 single element, class B (1 DIN), ceramic element, AISI316 sheath, 100mm length, no attaching device, no extension, with replaceable MgO insertion.