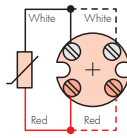


MgO sensors ATEX/IECEX certified with connection head

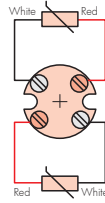
Straight RTD, optional fixed attaching device

Electrical connections

2 / 3 / 4-wire single element



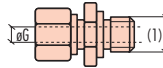
2x2 wires dual element



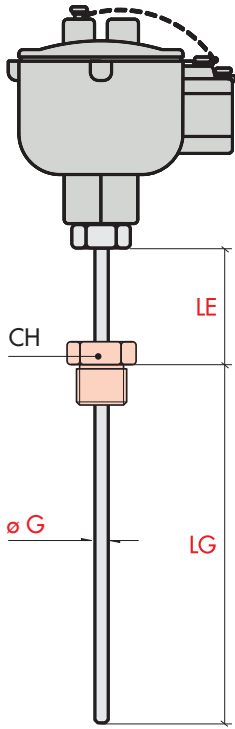
Mounting Fittings (see data sheet Z1 Accessories)

(for models without fixed attaching device only)

NPT adjustable compression fittings



Material	Type of thread (1)	øG	Code
AISI 316	1/8" G	4.5	Z1 RFS-B/E045
	1/8" NPT	4.5	Z1 RFS-B/M045
	1/4" G	6	Z1 RFS-B/F060
	1/2" G	6	Z1 RFS-B/I060
	1/4" G	8	Z1 RFS-B/F080
	1/2" G	8	Z1 RFS-B/I080



DATA SHEET

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 of thread	Extension LE mm
II 2G Ex db IIC Gb IP67 optional Transmitter	4,5	Q1 X45	P Pt100 - IEC	0 3-wire single Cl. B	0 Ceramic 750 °C max	B AISI 316	0100	S None	00 None
	6	Q1 X60		1 3-wire single Cl. A			1 Thin film 250 °C max **		
	8	Q1 X80		2 3-wire single Cl. AA	0200			I 1/2" Gas - L15 CH-24	06 60
	4,5+T	Q1 U45		3 4-wire single Cl. A	0250			L 1" Gas CH-36	08 80
	6+T	Q1 U60		4 4-wire single Cl. AA	0300		M 1/8" NPT - L10 CH-14	30 300	
8+T	Q1 U80	5 4-wire dual Cl. B		0350	Q 1/2" NPT - L13 CH-17				
II 2G Ex IIC Gb IIC Db IP66/67 optional Transmitter ****	4,5	Q1 245		6 6-wire dual Cl. B */***		0400			
	6	Q1 260		7 6-wire dual Cl. A */***		0450			
	8	Q1 280		8 6-wire dual Cl. AA */***		0500			
	4,5+T	Q1 345							
	6+T	Q1 360							
8+T	Q1 380								
						L min			0080

Note: for LG and LE other lengths upon request. Code example: LG = 135mm cod. **0135** / LE = 60mm cod. **06**, * Not valid if connection head is M, ** Not valid if element number and limits is 9 or C, *** Not valid if ø 3, **** Transmitter for single element only

Product code example: **Q1 S45 - P 0 0 - B 0100 - S 00 / A**

Straight MgO RTD, certified head, ø 4.5mm sheath, 3-wire Pt100 single element, class B, ceramic element, AISI316 sheath, 100mm length, no attaching device and no extension.