

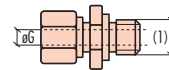
Electrical connection



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/MO45
	1/4" G	6	Z1 RFS-B/FO60
	1/2" G	6	Z1 RFS-B/IO60
	1/4" G	8	Z1 RFS-B/FO80
	1/2" G	8	Z1 RFS-B/IO80

Mgo sensors ATEX/IECEX certified with connection head

Straight thermocouple, optional fixed attaching device

Connection head	Diameter øG mm	Base code	Thermocouple type	Element N° and limits	Hot junction	Sheath material	Sheath LG mm	Type of thread	Extension LE mm			
II 2G Ex db IIC Gb IP67 optional Transmitter ****	4,5	Q1 X45	J Fe - CuNi IEC / 600°C max	0 Single Cl. 2 (standard)	Insulated	A AISI 321 B AISI 316 C Inconel 600 **	0100 0150 0200 0250 0300 0350 0400 0450 0500 L min 0050	S None	00 None			
	6	Q1 X60								K NiCr - Ni IEC / 1050°C max	1 Dual * Cl. 2 (standard)	Insulated
	8	Q1 X80	N NiCrSi - NiSi IEC / 1050°C max	2 Single Cl. 1 (special)	Grounded			I 1/2" Gas - L15 CH-24	08 80			
	4,5+T	Q1 U45										
	6+T	Q1 U60	4 Triple * Cl. 2	Insulated 120° tip	M 1/8" NPT - L10 CH-14			00 00				
8+T	Q1 U80	II 2G Ex IIC Gb IIC Db IP66/67 optional Transmitter ****							4,5	Q1 245	Q 1/2" NPT - L13 CH-17	00 00
6	Q1 260		Q 1/2" NPT - L13 CH-17	T 1" NPT CH-36								
8	Q1 280											
4,5+T	Q1 345											
6+T	Q1 360											
8+T	Q1 380											

Note: for LG and LE other lengths upon request. Code example: LG = 135mm cod. 0135 / LE = 60mm cod. 06, * Valid option if diameter >2, ** Valid option if thermocouple is K and N, *** Invalid option if diameter is 8, **** Transmitter for single element only.

Product code example: **Q1 X45 - J 0 0 - A 0100 - S 00 / A**

Straight MgO thermocouple, certified head, ø 4.5 sheath, Fe-CuNi DIN, class 2 single element, ungrounded junction, AISI321 sheath, 100mm length, no attaching device and no extension