

## Middle-pressure MgO sensors with replaceable insertion

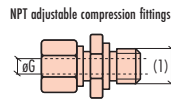
Straight thermocouple from ø 9 to ø 13.5mm with connection head, optional fixed attaching device

### Electrical connection



### Mounting Fittings (see data sheet Z1 Accessories)

(for models without fixed attaching device only)



Material	Type of thread (1)	øG	Code
AISI 316	1/2 "G	10	Z1 RFS-B/I100
	1/2 "NPT	10	Z1 RFS-B/Q100
	1/2 "G	13.5	Z1 RFS-B/I135
	1/2 "NPT	13.5	Z1 RFS-B/Q135

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
DIN B IP67	9	<b>R1 B09</b>	J Fe - CuNi IEC/ 600°C max AISI 321 insertion	0 Single Cl. 2 (standard)	0 	B AISI 316	0100	S None	00 None
	12	<b>R1 B12</b>							
Standard IP67 optional Transmitter *	10	<b>R1 S10</b>	K NiCr - Ni DIN-IEC/ 1050°C max Inconel 600 insertion	2 Single Cl. 1 (special)	1 		0200	I 1/2" Gas - L15 CH-24	08 80
	13,5	<b>R1 S13</b>					0250	J 3/4" Gas - L15 CH - 30	10 100
	10+T	<b>R1 T10</b>					0300	Q 1/2" NPT - L15 CH-24	
	13,5+T	<b>R1 T13</b>					0350		
II 2G Ex db IIC Gb IP67 optional Transmitter *	10	<b>R1 X10</b>					0400		
	13,5	<b>R1 X13</b>					0450		
	10+T	<b>R1 U10</b>					0500		
	13,5+T	<b>R1 U13</b>							
						L min <b>0080</b>			

Note: for LG and LE other lengths upon request. Code example: LG = 135mm cod. 0135 / LE = 60mm cod. 06, \* Transmitter for single element only.

Product code example: **R1 S10 - J00 - B0100 - S00**

Straight MgO thermocouple, standard head, ø 10 mm sheath, Fe-CuNi IEC, class 2 single element, ungrounded junction plain end, AISI316 sheath, 100mm length, no attaching device, no extension, with replaceable MgO insertion.