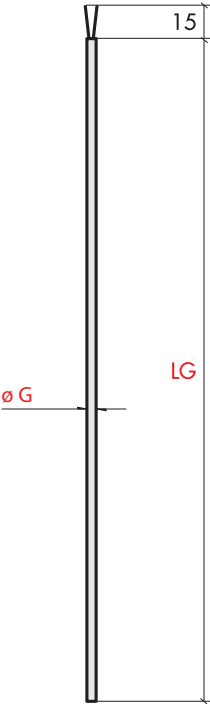


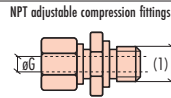


## General purpose MgO sensors

Straight thermocouple,  $\varnothing 1$  to  $\varnothing 6$ mm, stripped leads only



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



Material	Type of thread (1)	øG	Code
AISI 316	1/8" G	1	Z1 RFS-B/E010
	1/8" NPT	1	Z1 RFS-B/MO10
	1/8" G	1.5	Z1 RFS-B/E015
	1/8" NPT	1.5	Z1 RFS-B/MO15
	1/8" G	2	Z1 RFS-B/E020
	1/8" NPT	2	Z1 RFS-B/MO20
	1/8" G	3	Z1 RFS-B/E030
	1/8" NPT	3	Z1 RFS-B/MO30
	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/F060
	1/2" G	6	Z1 RFS-B/I060

Type of termination	Diam. $\varnothing$ mm	Base code	Thermocouple type	Element N° and limits	Hot junction	Sheath material	Sheath LG mm
Rigid leads	1	<b>P1 R10</b>	<b>J</b> Fe - CuNi IEC/600°C max	<b>0</b> Single Cl. 2 (standard)	<b>0</b> Insulated	<b>A</b> AISI 321	<b>0100</b>
	1.5	<b>P1 R15</b>	<b>K</b> NiCr - Ni DIN - IEC/1050°C max	<b>1</b> Dual* Cl. 2 (standard)			
	2	<b>P1 R20</b>	<b>T</b> Cu- CuNi IEC	<b>2</b> Single Cl. 1 (special)	<b>1</b> Grounded	<b>C</b> Inconel 600**	<b>0200</b>
	3	<b>P1 R30</b>	<b>N</b> NiCrSi-NiSi DIN - IEC	<b>3</b> Dual* Cl. 1 (special)			
	4.5	<b>P1 R45</b>			<b>2</b> Exposed		<b>0250</b>
	6	<b>P1 R60</b>					<b>0300</b>
						<b>0350</b>	
						<b>0400</b>	
						<b>0450</b>	
						<b>0500</b>	
						L min <b>0050</b>	

**Note:** for LG other lengths upon request. Code example: LG = 135mm cod. **0135**, \* Valid option if diameter >2, \*\* Valid option with thermocouple K and N.

**Product code example:** **P1 R20 - L00 - A 0100**

Straight MgO thermocouple,  $\varnothing 2$  mm sheath, Fe-CuNi DIN, class 2 single element, ungrounded junction, AISI 321 sheath, 100mm length