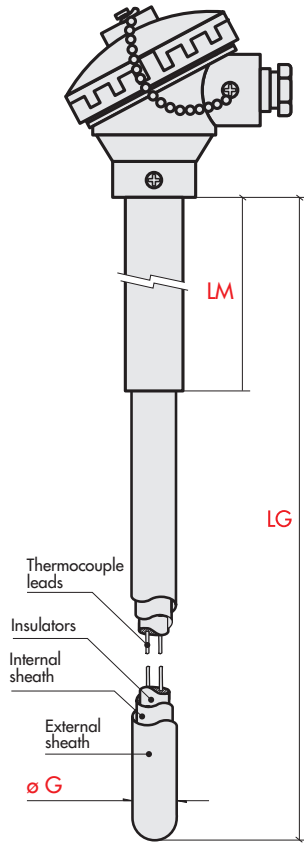




# High temperature sensors

Straight thermocouple with ceramic sheath,  $\varnothing$  8 to  $\varnothing$  26mm, connection head

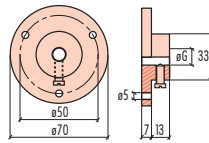


### Electrical connection



### Flanges (see data sheet Z2 Flanges)

Code	$\varnothing G$
Z2 FLS-A/B150	15
Z2 FLS-A/B213	21.3



Connection head	Diameter $\varnothing G$ mm	Base code	Thermocouple type	Element N° and limits	Hot junction	Ceramic sheath material	Internal sheath material	Sheath $LG$ mm	Thermocouple wire $\varnothing$ (mm)	Type of thread	Coupling $LM$ mm							
DIN B IP67	10	<b>M1 B10</b>	<b>K</b> NiCr - Ni DIN - IEC	<b>0</b> Single Cl. 2 (standard)		<b>I</b> DIN530	<b>0</b> None	<b>0250</b>	<b>0</b> MgO only K (Inconel 600)	<b>S</b> None	<b>08</b> 80							
	15	<b>M1 B15</b>										<b>L</b> DIN610	<b>1</b> DIN 610	<b>0300</b>	<b>1</b> $\varnothing$ 0,35 only S/R 1300°C	<b>15</b> 150		
	26	<b>M1 B26</b>															<b>M</b> DIN710	<b>2</b> DIN 710
Standard IP67	8	<b>M1 S08</b>	<b>S</b> PT 10%Rh-Pt DIN 34710 IEX 584	<b>2</b> Single Cl. 1 (special)	Insulated			<b>0400</b>										
	10	<b>M1 S10</b>										<b>3</b> $\varnothing$ 1,6 only K 1090°C	<b>6</b> $\varnothing$ 2,3 only K 1150°C					
	12	<b>M1 S12</b>												<b>7</b> $\varnothing$ 3,2 only K 1260°C	<b>8</b>			
	15	<b>M1 S15</b>																
	20	<b>M1 S20</b>																
	25	<b>M1 S25</b>																
	26	<b>M1 S26</b>																
									REMARK for dual T/C max wire $\varnothing$ compa- tible with sheath $\varnothing$ (K only)									
									L min	<b>0200</b>								

Note: for  $LG$  and  $LM$  other lengths upon request. Code example:  $LG = 135\text{mm}$  cod. **0135** /  $LM = 60\text{mm}$  cod. **06**

Product code example: **M1 S15 - S00 - L00250.1 - S15**

Straight thermocouple, standard head,  $\varnothing$  15mm ceramic sheath, Pt Rh 10% Pt, single element, class 2 accuracy, ungrounded junction, DIN 610 external sheath, 250mm length,  $\varnothing$  0.35mm wire, no attaching device, 150mm coupling.