



Electrical connection



Mounting Fittings

Thermowells from bar stock

Thermowell format	Description	Base code
	Weld-in/ tapered	<b>Z4 CSF</b>
	Tapered/ screw	<b>Z4 EFI</b>
	Tapered/ flanged	<b>Z4 CFL</b>
	Straight, weld-in	<b>Z5 CSF</b>
	Straight/ screw	<b>Z5 EFI</b>
	Straight/ flanged	<b>Z5 CFL</b>

## High pressure MgO sensors with replaceable insertion

Straight thermocouple with 3-piece joint, ø 6 and ø 8 mm, connection head for bar stock thermowell

Connection head	Diameter øG mm	Base code
Standard IP67 optional Transmitter *	6	<b>S2 S60</b>
	8	<b>S2 S80</b>
	6+T	<b>S2 T60</b>
	8+T	<b>S2 T80</b>
II 2G Ex db IIC Gb IP67 optional Transmitter *	6	<b>S2 X60</b>
	8	<b>S2 X80</b>
	6+T	<b>S2 U60</b>
	8+T	<b>S2 U80</b>

Thermocouple type	Element N° and limits	Hot junction
<b>J</b> Fe - CuNi IEC/600°C max	<b>0</b> Single Cl. 2 (standard)	<b>0</b>
	<b>1</b> Dual Cl. 2 (standard)	
<b>K</b> NiCr - Ni DIN-IEC/1050°C max	<b>1</b> Single Cl. 1 (special)	<b>1</b>
	<b>2</b> Dual Cl. 1 (special)	
	<b>3</b> Dual Cl. 1 (special)	

Sheath material	Sheath LG mm	Type of thread	Extension LE mm
<b>A</b> AISI 321	<b>0100</b>	<b>Q</b> 1/2" NPT - L18	<b>10</b> 100
	<b>0150</b>		
	<b>0200</b>		
	<b>0250</b>		
	<b>0300</b>		
	<b>0350</b>		
	<b>0400</b>		
	<b>0450</b>		
	<b>0500</b>		
	<b>L min</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: **S2 S60 - J 0 0 - A 0100 - Q 10**

Straight thermocouple, standard head, ø 6 mm insertion, Fe-CuNi IEC, class 2 single element, ungrounded junction plain end, AISI 316 sheath, 100mm length, 1/2" NPT attaching device, 100mm extension with 3-piece joint