



Electrical connection



Mounting Fittings

Thermowells from bar stock

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

High pressure MgO sensors with replaceable insertion

Straight thermocouple with extension, from \varnothing 4.5 to \varnothing 8 mm, with connection head for bar stock thermowell

Connection head	Diameter $\varnothing G$ 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 optional Transmitter * 	4,5	S1 B45	J Fe - CuNi IEC/ 600°C max K NiCr - Ni DIN-IEC/ 1050°C max	0 Single Cl. 2 (standard)	 Insulated	A AISI 321 C Inconel 600 (K only)	0100 0150 0200 0250 0300 0350 0400 0450 0500	H $\frac{3}{8}$ " Gas - L15 CH-22 I $\frac{1}{2}$ " Gas - L15 CH-24 Q $\frac{1}{2}$ " NPT - L15 CH-24	10 100 12 120	
	4,5+T	S1 V45								1 Dual Cl. 2 (standard)
Standard IP67 optional Transmitter * 	4,5	S1 S45		2 Single Cl. 1 (special) 3 Dual Cl. 1 (special)						
	6	S1 S60								
	8	S1 S80								
	4,5+T	S1 T45								
II 2G Ex db IIC Gb IP67 optional Transmitter * 	6+T	S1 T60								
	8+T	S1 T80								
	6	S1 X60								
	8	S1 X80								
	6+T	S1 U60								
	8+T	S1 U80								
	L min	0100							L min	70

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: **S1 S60 - J 0 0 - A 0100 - I 10**

Straight thermocouple, standard head, \varnothing 6mm insertion, Fe-CuNi IEC, class 2 single element, ungrounded junction plain end, AISI 321 sheath, 100mm length, $\frac{1}{2}$ " Gas attaching device, 100mm extension