



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
ATEX/IECEX
certified with
replaceable
insertion

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

DATA SHEET

Connection head	Diameter ø mm	Base code
II 2G Ex db IIC Gb IP67 optional Transmitter *	6	S2 X60
	8	S2 X80
	6 + T	S2 U60
	8 + T	S2 U80
II 2G Ex IIC Gb IIC Db IP66/67 optional Transmitter *	6	S2 260
	8	S2 280
	6 + T	S2 360
	8 + T	S2 380

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

Sheath material	Sheath LG mm	Type of thread	Extension LE mm
A AISI 321	0100	Q 1/2" NPT - L18	10 100
	0200		
C Inconel 600 (K only)	0150	E 1/8" Gas - L12 CH-14 I 1/2" Gas - L15 CH-24 L 1" Gas CH-36 M 1/8" NPT - L10 CH-14 T 1" NPT CH-36	
	0250		
	0300		
	0350		
	0400		
	0450		
	0500		
	L min		L min
	0080		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: **S2 X60 - J 0 0 - A 0100 - Q 10 / A**

Straight thermocouple, certified 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