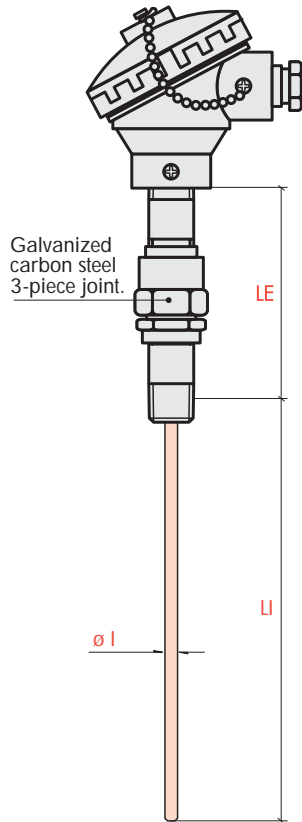




Certificata ISO 9002  
Centro taratura SIT **JTC**

ELSI s.r.l. - via Milano, 11 - 20020 Lainate (MI)  
Tel.: (02) 9370868 / 9373042 - Fax: (02) 9371724  
Home page: www.elsi.it • e-mail: info@elsi.it



**Electrical connection**

2/3/4-wire sing. el.      2x2 wire dual el.      2x3 wire dual el.

**Mounting Fittings**  
Thermowells from bar stock

Thermow. format	Description	Base code
	Weld-in/tapered	Z4 CSF
	Tapered / flanged	Z4 CFL
	Tapered/screw	Z4 EFI
	Straight/flanged	Z5 CFL
	Straight, weld-in	Z5 CSF
	Straight/screw	Z5 EFI

## High pressure Mgo sensors with replaceable insertion

**S2** Straight RTD with 3-piece joint, 6 and 8mm o.d., connection head for bar stock thermowell

Connection head	Diameter ø G mm	Base code	Value in Ω at 0°C	Element N° and limits	Type of RTD	Insertion Material	Sheath LI mm	Type of thread	Extension LE mm
Standard IP67, optional Transmitter * 	6	S2 S60	P Pt100 DIN - IEC	0 3-wire single el. Cl. B (1 DIN)	0 Ceramic 750 °C max	B AISI 316	0100	Q 1/2" NPT - L18	10 100
	8	S2 S80							
	6 + T	S2 T60							
	8 + T	S2 T80							
Nylon IP65, optional Transmitter * 	6	S2 N60		1 3-wire single el. Cl. A (1/2 DIN)			0150	R 3/4" NPT - L18 CH - 24	12 120
	8	S2 N80							
	6 + T	S2 Y60							
	8 + T	S2 Y80							
EEx d IIB IP65, optional Transmitter * 	6	S2 X60		2 3-wire single el. 1/3 DIN			0200		
	8	S2 X80							
	6 + T	S2 U60							
	8 + T	S2 U80							
	6	S2 X60		3 4-wire single el. Cl. A (1/2 DIN)			0250		
	8	S2 X80							
	6 + T	S2 U60							
	8 + T	S2 U80							
	6	S2 X60		4 4-wire single el. 1/3 DIN			0300		
	8	S2 X80							
	6 + T	S2 U60							
	8 + T	S2 U80							
	6	S2 X60		5 4-wire dual Cl. B (1 DIN)			0350		
	8	S2 X80							
	6 + T	S2 U60							
	8 + T	S2 U80							
	6	S2 X60		6 6-wire dual el. Cl. B (1 DIN)			0400		
	8	S2 X80							
	6 + T	S2 U60							
	8 + T	S2 U80							
	6	S2 X60		7 6-wire dual el. Cl. A (1/2 DIN)			0450		
	8	S2 X80							
	6 + T	S2 U60							
	8 + T	S2 U80							
	6	S2 X60		8 6-wire single el. 1/3 DIN			0500		
	8	S2 X80							
	6 + T	S2 U60							
	8 + T	S2 U80							
Note:							L min 0080		L min 70

Note:  
\* Transmitter for single element only

Note: other lengths on request for LG and LE. Code ex.: LG = 135mm cod. 0135 / LE = 60mm cod. 06

**Reference model :**

Straight RTD, standard head, 6mm ø insertion, 3-wire Pt100 single element, class B (1 DIN), ceramic element, AISI 316 sheath, 100mm length, 1/2" NPT attaching device, 100mm extension with 3-piece joint.

**S2 S60 - P 0 0 - B 0100 - Q 10**

□ - □ □ □ - □ □ □ - □ □ □

