Certificata ISO 9002
Centro taratura SIT

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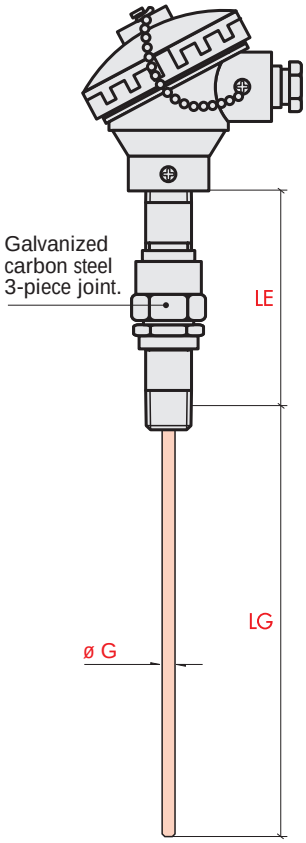
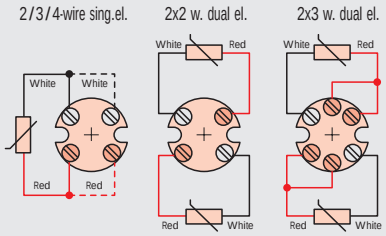
Sensors for high pressures with replaceable insertion

H2 Straight RTS with 3-pc.joint, 6 and 8mm ø with connection head for thermowell machined from bar stock.

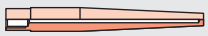
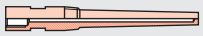
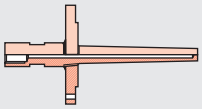
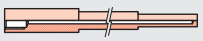
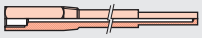
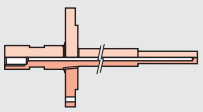


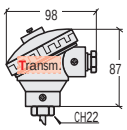
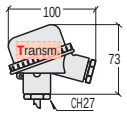
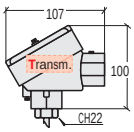
Electrical connection



Mounting Fittings

Thermowells from bar stock

Thermow. 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

Connection head	Diameter ø G mm	Base code
Standard IP67, optional transmitter * 	6	H2 S60
	8	H2 S80
	6 + T	H2 T60
	8 + T	H2 T80
Nylon IP65, optional transmitter * 	6	H2 N60
	8	H2 N80
	6 + T	H2 Y60
	8 + T	H2 Y80
EEx d IIB IP65, optional transmitter * 	6	H2 X60
	8	H2 X80
	6 + T	H2 U60
	8 + T	H2 U80

Note:
* Transmitter for single element only

– Value in [ohm] at 0°C

P	Pt100 DIN - IEC
X	Pt500 DIN - IEC
Y	Pt1000 DIN - IEC
Z	Ni100 DIN - IEC

– Element N° and limits

0	3-wire single el. Cl. B (1 DIN)
1	3-wire single el. Cl. A (1/2 DIN)
2	3-wire single el. 1/3 DIN
3	4-wire single el. Cl. A (1/2 DIN)
4	4-wire single el. 1/3 DIN
5	4-wire dual Cl. B (1 DIN)
6	6-wire dual el. Cl. B (1 DIN)
7	6-wire dual el. Cl. A (1/2 DIN)
8	6-wire dual el. 1/3 DIN

– Type of RTD

0	Ceramic 750 °C max
1	Thin film 250 °C max

– Sheath material

B	AISI 316

Sheath LG mm: 0100, 0150, 0200, 0250, 0300, 0350, 0400, 0450, 0500, L min 0080

– Type of thread

Q	1/2" NPT - L18
R	3/4" NPT - L18 CH - 30

Extension LE mm: 10 100, L min 70

Note: other lengths on request for LG and LE. Code ex.: LG = 135mm Code **0135** / LE = 60mm Code **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 extension, 1/2" NPT connect.device, 100mm extended length with 3-piece joint.

H2 S60	–	P	0	0	–	B	0100	–	Q	10

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