

Electrical connection

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

Mounting Fittings
(For models without fixed attaching device only)

Suggested adjustable compression fittings

Material	ø1	L	CH	øG	Model
AISI 316	1/8"G	10.5	12	5	Z1 RFS-B/E050
	1/8"NPT	10.5	12	5	Z1 RFS-B/M050
	1/4"G	12	17	6	Z1 RFS-B/F060
	1/2"G	14	24	6	Z1 RFS-B/I060
	1/4"G	12	17	8	Z1 RFS-B/F080
	1/2"G	14	24	8	Z1 RFS-B/I080
Treated brass	1/4"G	12	17	6	Z1 RFS-O/F060
	1/2"G	14	24	6	Z1 RFS-O/I060
	1/4"G	12	17	8	Z1 RFS-O/F080
	1/2"G	14	24	8	Z1 RFS-O/I080

Flanges

Model	øG
Z2 FLS-A/A060	6
Z2 FLS-A/A080	8

Low pressure sensors with connection head

F1 Straight RTD,
5 to 8mm
sheath o.d.,
optional fixed
attaching device



Connection head	Diameter øG mm	Base code	Value in [ohm] at 0°C	Element N° and limits	Type of RTD	Sheath material	Sheath LG mm	Type of thread	Extension LE mm							
Cylindrical IP54 	5	F1 C50	P Pt100 DIN - IEC	0 3-wire single el. Cl. B (1 DIN)	0 Ceramic 750 °C max	B AISI 316	0100	S Without	OO Without							
	6	F1 C60														
	8	F1 C80														
Miniat. IP67 	5	F1 M50	X Pt500 DIN - IEC	1 3-wire single el. Cl. A (1/2 DIN)	1 Thin film 250 °C max		0150	D M10 x 1.5 - L13 CH - 14 (for ø5 and ø6)	05 50							
	6	F1 M60														
	8	F1 M80														
Standard IP67, optional transmitter 	5	F1 S50	Z Ni100 DIN - IEC	3 4-wire single el. Cl. A (1/2 DIN)			0250	F 1/4" Gas - L13 CH - 17	10 100							
	6	F1 S60														
	8	F1 S80														
	5 + T	F1 T50														
	6 + T	F1 T60														
	8 + T	F1 T80														
Nylon IP65, optional transmitter 	5	F1 N50		6 6-wire dual el. Cl. B (1 DIN)			0400	M 1/8" NPT - L10 CH - 14 (for ø5 and ø6)								
	6	F1 N60														
	8	F1 N80														
	5 + T	F1 Y50														
	6 + T	F1 Y60														
	8 + T	F1 Y80														
EEx d IIB IP65, optional transmitter 	6	F1 X60		7 6-wire dual el. Cl. A (1/2 DIN)			0450	N 1/4" NPT - L13 CH - 17								
	8	F1 X80														
	6 + T	F1 U60														
	8 + T	F1 U80														
														L min 0080		

Note: * Transmitter for single element only

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

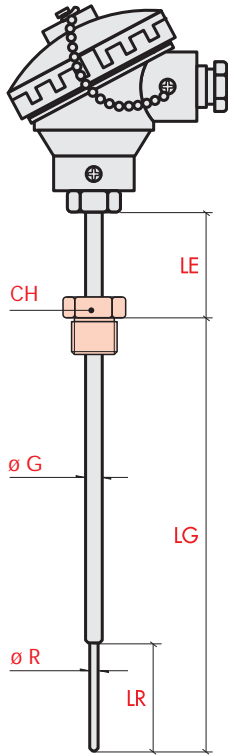
Reference model:

Straight RTD, standard head, 6mm sheath o.d., 3-wire Pt100 single elem., class B (1 DIN), ceramic element, AISI 316 sheath, 100mm length, no extension, no fixed attaching device.

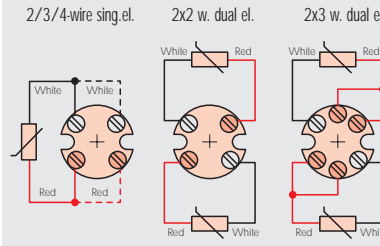
F1 S60 - P 0 0 - B 0100 - S 00

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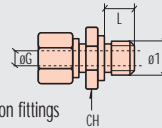




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Mounting Fittings
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Suggested adjustable compression fittings

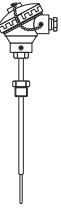
Material	Ø1	L	CH	ØG	Model
AISI 316	1/4"G	12	17	6	Z1 RFS-B/FO60
	1/2"G	14	24	6	Z1 RFS-B/IO60
	1/4"G	12	17	8	Z1 RFS-B/FO80
	1/2"G	14	24	8	Z1 RFS-B/IO80
Treated brass	1/4"G	12	17	6	Z1 RFS-O/FO60
	1/2"G	14	24	6	Z1 RFS-O/IO60
	1/4"G	12	17	8	Z1 RFS-O/FO80
	1/2"G	14	24	8	Z1 RFS-O/IO80

Flanges

Model	Ø1
Z2 FLS-A/A060	6
Z2 FLS-A/A080	8

Low pressure sensors with connection head

F2 Straight/tapered RTD, 6 and 8 mm o.d., with optional fixed attaching device



Connection head	Diameter Ø G mm	Base code	Value in [ohm] at 0°C	Element N° and limits	Type of RTD	Sheath material	Sheath LG mm	Tapering ØR x LR mm	Type of thread	Extension LE mm
Cylindrical IP54	6	F2 C60	P Pt100 DIN - IEC	0 3-wire single el. Cl. B (1 DIN)	0 Ceramic 750 °C max	B AISI 316	O100	0 D4 x 50	S Without	OO Without
	8	F2 C80								
Miniat. IP67	6	F2 M60	X Pt500 DIN - IEC	1 3-wire single el. Cl. A (1/2 DIN)	1 Thin film 250 °C max		O150	1 D4 x 80	D M10 x 1.5 - L13 CH - 14(Ø6 only)	O5 50
	8	F2 M80	Y Pt1000 DIN - IEC	2 3-wire single el. 1/3 DIN			O200	2 D4 x 100	E 1/8" Gas - L12 CH - 14(Ø6 only)	O8 80
Standard IP67, optional transmitter *	6	F2 S60	Z Ni100 DIN - IEC	3 4-wire single el. Cl. A (1/2 DIN)			O250	3 D5 x 50	F 1/4" Gas - L13 CH - 17	10 100
	8	F2 S80					O300	4 D5 x 80	H 3/8" Gas - L15 CH - 22	
	6 + T	F2 T60		4 4-wire single el. 1/3 DIN			O350	5 D5 x 100	I 1/2" Gas - L15 CH - 24	
	8 + T	F2 T80		5 4-wire dual Cl. B (1 DIN)			O400		M 1/8" NPT - L10 CH - 14(Ø6 only)	
Nylon IP65, optional transmitter *	6	F2 N60		6 6-wire dual el. Cl. B (1 DIN)			O450		N 1/4" NPT - L13 CH - 17	
	8	F2 N80		7 6-wire dual el. Cl. A (1/2 DIN)			O500		P 3/8" NPT - L15 CH - 22	
	6 + T	F2 Y60		8 6-wire dual el. 1/3 DIN					Q 1/2" NPT - L15 CH - 24	
EEx d IIB IP65, optional transmitter *	6	F2 X60								
	8	F2 X80								
	6 + T	F2 U60								
	8 + T	F2 U80					L min 0080			

Note: * Transmitter for single element only

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

Reference model:

Straight/tapered RTD, standard head, 6mm sheath o.d., 3-wire Pt100 single elem., class B (1 DIN), ceramic element, AISI 316 sheath, 100mm length, D4 x 50 tapering, no extension, no fixed attaching device.

F2 S80 - P 0 0 - B 0100 . 0 - S 00

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