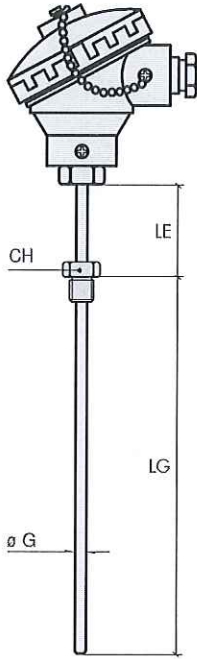
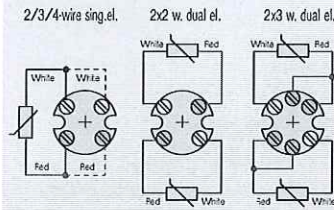


# Low pressure sensors with connection head

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

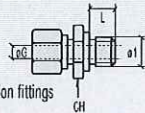


### Electrical connection



### Mounting Fittings

(For models without fixed attaching device only)



Suggested adjustable compression fittings

Material	ø1	L	CH	aG	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
Treated brass	1/2" G	14	24	8	Z1 RFS-B/I080
	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	aG
Z2 FLS-A/A060	6
Z2 FLS-A/A080	8

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	Type of thread	Extension LE mm			
Cylindrical IP54	5	F1 C50	P Pt100 DIN - IEC	0	3-wire single el. Cl. B (1 DIN)	B AISI 316	0100	S Without	00 Without			
	6	F1 C60										
	8	F1 C80										
Miniatur. IP67	5	F1 M50	X Pt500 DIN - IEC	1	3-wire single el. Cl. A (1/2 DIN)		0150	D M10 x 1.5 - L13 CH - 14 (for ø5 and ø6)	05 50			
	6	F1 M60	Y Pt1000 DIN - IEC	2	3-wire single el. 1/3 DIN		0200	E 1/8" Gas - L12 CH - 14 (for ø5 and ø6)	08 80			
	8	F1 M80	Z Ni100 DIN - IEC	3	4-wire single el. Cl. A (1/2 DIN)		0250	F 1/4" Gas - L13 CH - 17	10 100			
5 + T	F1 T50					4	4-wire single el. 1/3 DIN	0300	H 3/8" Gas - L15 CH - 22			
6 + T	F1 T60								5	4-wire dual Cl. B (1 DIN)	0350	I 1/2" Gas - L15 CH - 24
8 + T	F1 T80			6	6-wire dual el. Cl. B (1 DIN)						0400	M 1/8" NPT - L10 CH - 14 (for ø5 and ø6)
5	F1 N50					7	6-wire dual el. Cl. A (1/2 DIN)				0450	N 1/4" NPT - L13 CH - 17
6	F1 N60								8	6-wire dual el. 1/3 DIN	0500	P 3/8" NPT - L15 CH - 22
8	F1 N80											Q 1/2" NPT - L15 CH - 24
5 + T	F1 Y50											
6 + T	F1 Y60											
8 + T	F1 Y80											
EEx d IIB IP65, optional transmitter	6	F1 X60										
	8	F1 X80										
	6 + T	F1 U60										
	8 + T	F1 U80										

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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1921-6/93

PRICE LIST



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