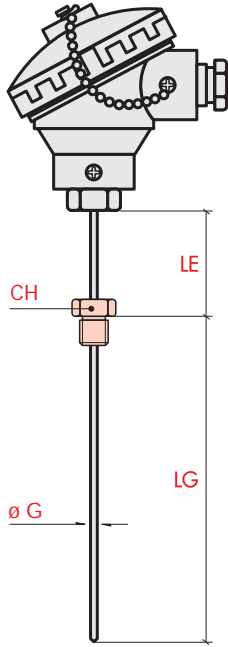


General purpose Mgo sensors with connection head



Connections

2/3/4-wire Single element 2x2 wire Dual element 2x3 wire Dual element

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	2	Z1 RFS-B/EO20
	1/8" NPT	10.5	12	2	Z1 RFS-B/MO20
	1/8" G	10.5	12	3	Z1 RFS-B/EO30
	1/8" NPT	10.5	12	3	Z1 RFS-B/MO30
	1/8" G	10.5	12	4.5	Z1 RFS-B/EO45
	1/8" NPT	10.5	12	4.5	Z1 RFS-B/MO45

Q1 Straight RTD,
o.d. from 2 to 4.5mm,
optional fixed
attaching device

Connection head	Diameter øG mm	Base code	Value in Ω à 0°C	Element N° and limits	Type of RTD	Sheath material	Sheath LG mm	Type of thread	Extension LE mm
Cylindric IP54 	2	Q1 C20	P Pt100 DIN - IEC	0 3-wire single el. Cl. B (1 DIN)	O Ceramic 750 °C max	B AISI 316	O100	S None	OO None
	3	Q1 C30							
	4.5	Q1 C45							
Miniature IP67 	2	Q1 M20		1 3-wire single el. Cl. A (1/2 DIN)			O150	D M10 x 1.5 x L13 CH - 14	O5 50
	3	Q1 M30							
	4.5	Q1 M45							
Standard IP67, optional Transmitter 	3	Q1 S30		4 4-wire single el. Cl. A (1/2 DIN)			O300	H 3/8" Gas - L15 CH - 22	
	4.5	Q1 S45							
	3 + T	Q1 T30							
	4.5 + T	Q1 T45							
	5	Q1 S50							
Ex d IIB IP65, optional Transmitter 	3	Q1 X30		6 *6-wire dual el. Cl. B (1 DIN)			O400	M 1/8" NPT - L10 CH - 14	
	4.5	Q1 X45							
	3 + T	Q1 U30							
	4.5 + T	Q1 U45							
	7	Q1 X70							
				8 *6-wire dual el. Cl. A (1/2 DIN)			O500	Q 1/2" NPT - L15 CH - 24 (ø>2only)	
				* ø4.5 and ø6 only			L min O080		

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 :

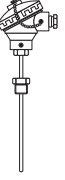
Straight Mgo RTD, standard head, 4.5mm sheath o.d.,
3-wire Pt100 single element, class B (1 DIN),
ceramic element, AISI316 sheath, 100mm length,
no attaching device and no extension.

Q1 S45 - P 0 0 - B 0100 - S 00

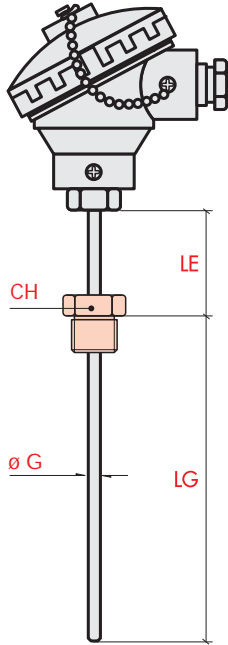
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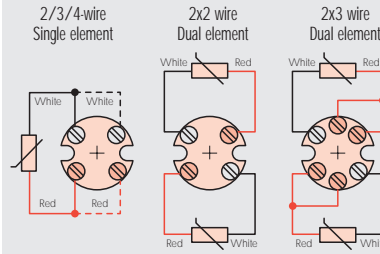
General purpose Mgo sensors with connection head



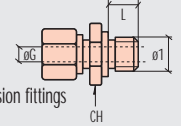
Q1 Straight RTD,
o.d. from 6 to 8mm,
optional fixed
attaching device



Connections



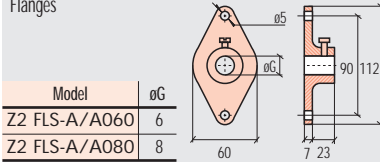
Mounting Fittings (for models without fixed attaching device only)



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	øG
Z2 FLS-A/A060	6
Z2 FLS-A/A080	8

Connection head	Diameter øG mm	Base code	Value in Ω à 0°C	Element N° and limits	Type of RTD	Sheath material	Sheath LG mm	Type of thread	Extension LE mm
Cylindric IP54 	6	Q1 C60	P Pt100 DIN - IEC	0 3-wire single el. Cl. B (1 DIN)	O Ceramic 750 °C max	B AISI 316	O100	S None	OO None
	8	Q1 C80							
Miniature IP67 	6	Q1 M60		1 3-wire single el. Cl. A (1/2 DIN)			O150	D M10 x 1.5 x L13 CH - 14 (ø6 only)	O5 50
	8	Q1 M80		2 3-wire single el. 1/3 DIN			O200	ET 1/8" Gas - L12 CH - 14 (ø6 only)	O8 80
Standard IP67, optional Transmitter* 	6	Q1 S60		3 4-wire single el. Cl. A (1/2 DIN)			O250	F 1/4" Gas - L13 CH - 17	
	8	Q1 S80		4 4-wire single el. 1/3 DIN			O300	H 3/8" Gas - L15 CH - 22	
	6 + T	Q1 T60		5 4-wire dual Cl. B (1 DIN)			O350	I 1/2" Gas - L15 CH - 24	
	8 + T	Q1 T80		6 6-wire dual el. Cl. B (1 DIN)			O400	M 1/8" NPT - L10 CH - 14 (ø6 only)	
EEx d IIB IP65, optional Transmitter* 	6	Q1 X60		7 6-wire dual el. Cl. A (1/2 DIN)			O450	N 1/4" NPT - L13 CH - 17	
	8	Q1 X80		8 6-wire dual el. 1/3 DIN			O500	Q 1/2" NPT - L15 CH - 24	
	6 + T	Q1 U60							
	8 + T	Q1 U80							
							L min O080		

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 Mgo RTD, standard head, 6mm sheath o.d., 3-wire Pt100 single element, class B (1 DIN), ceramic element, AISI316 sheath, 100mm length, no attaching device and no extension.

Q1 S60 - P 0 0 - B 0100 - S 00

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