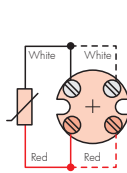
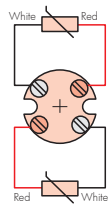


**Electrical connections**

2 / 3 / 4-wire single element



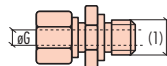
2x2 wires dual element



**Mounting Fittings** (see data sheet Z1 Accessories)

(for models without fixed attaching device only)

NPT adjustable compression fittings

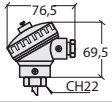
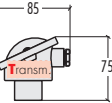


Material	Type of thread (1)	øG	Code
AISI 316	1/8" G	3	Z1 RFS-B/E030
	1/8" NPT	3	Z1 RFS-B/M030
	1/8" G	4.5	Z1 RFS-B/E045
	1/8" NPT	4.5	Z1 RFS-B/M045
	1/4" G	6	Z1 RFS-B/F060
	1/2" G	6	Z1 RFS-B/I060
Treated brass	1/4" G	8	Z1 RFS-B/F080
	1/2" G	8	Z1 RFS-B/I080
	1/4" G	6	Z1 RFS-O/F060
	1/2" G	6	Z1 RFS-O/I060
	1/4" G	8	Z1 RFS-O/F080
	1/2" G	8	Z1 RFS-O/I080

**General purpose MgO sensors with connection head**

Straight RTD, from ø 3 to ø 8 mm, optional fixed attaching device

DATA SHEET

Connection head	Diam. øG mm	Base code	Value in Ω at 0°C	Element N° and limits	Type of RTD	Sheath material	Sheath LG mm	Type of thread	Extension LE mm															
Mignon IP67 	3	<b>Q1 M30</b>	<b>P</b> Pt100 DIN - IEC	<b>0</b> 3-wire single Cl. B (1 DIN)	<b>0</b> Ceramic 750 °C max	<b>B</b> AISI 316	<b>0100</b>	<b>S</b> None	<b>00</b> None															
	4.5	<b>Q1 M45</b>																						
	6	<b>Q1 M60</b>																						
	8	<b>Q1 M80</b>		<b>1</b> 3-wire single Cl. A (1/2 DIN)						<b>1</b> Thin film 250 °C max **	<b>0150</b>	<b>E</b> 1/8" Gas - L12 CH - 14	<b>05</b> 50											
3	<b>Q1 S30</b>	<b>2</b> 3-wire single 1/3 DIN												<b>0200</b>	<b>F</b> 1/4" Gas - L13 CH - 17	<b>06</b> 60								
4.5	<b>Q1 S45</b>																							
6	<b>Q1 S60</b>																<b>3</b> 4-wire single Cl. A (1/2 DIN)	<b>0250</b>	<b>H</b> 3/8" Gas - L15 CH - 22	<b>08</b> 80				
8	<b>Q1 S80</b>																							
3+T	<b>Q1 T30</b>																				<b>4</b> 4-wire single 1/3 DIN	<b>0300</b>	<b>I</b> 1/2" Gas - L15 CH - 24 (only ø>2)	<b>30</b> 300
4.5+T	<b>Q1 T45</b>																							
6+T	<b>Q1 T60</b>		<b>5</b> 4-wire dual Cl. B (1 DIN) */***	<b>0350</b>	<b>Q</b> 1/2" NPT - L15 CH - 24 (only ø>2)																			
8+T	<b>Q1 T80</b>																							
3	<b>Q1 X30</b>					<b>6</b> 6-wire dual Cl. B (1 DIN) */***	<b>0400</b>																	
4.5	<b>Q1 X45</b>																							
6	<b>Q1 X60</b>	<b>7</b> 6-wire dual Cl. A (1/2 DIN) */***						<b>0450</b>																
8	<b>Q1 X80</b>																							
3+T	<b>Q1 U30</b>								<b>8</b> 6-wire dual 1/3 DIN */***	<b>0500</b>														
4.5+T	<b>Q1 U45</b>																							
6+T	<b>Q1 U60</b>										<b>9</b> 3-wire single 1/5 DIN	<b>0080</b>												
8+T	<b>Q1 U80</b>																							
6	<b>Q1 B60</b>		<b>C</b> 4-wire single 1/5 DIN																					
8	<b>Q1 B80</b>																							
3+T	<b>Q1 V30</b>																							
4.5+T	<b>Q1 V45</b>																							
6+T	<b>Q1 V60</b>																							
8+T	<b>Q1 V80</b>																							
DIN B IP67 optional Transmitter *** 								L min <b>0080</b>																

**Note:** for LG and LE other lengths upon request. Code example: LG = 135mm cod. **0135** / LE = 60mm cod. **06**, \* Not valid if connection head is M, \*\* Not valid if element number and limits is 9 or C, \*\*\* Not valid if ø 3, \*\*\*\* Transmitter for single element only

**Product code example:** **Q1 S45 - P 0 0 - B 0100 - S 00**

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