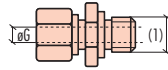


General purpose MgO sensors

Straight thermocouple, from \varnothing 0.5 to \varnothing 1.5 mm, with connection wire

Mounting Fittings (see data sheet Z1 Accessories)

NPT adjustable compression fittings



Material	Type of thread (1)	\varnothing G	Code
AISI 316	1/4" G	1	Z1 RFS-B/E010
	1/8" NPT	1	Z1 RFS-B/MO10
	1/8" G	1.5	Z1 RFS-B/E015
	1/8" NPT	1.5	Z1 RFS-B/MO15

Type of wire	Diam. \varnothing G mm	Base code	Thermocouple type	Element N° and limits	Hot junction	Sheath material	Sheath \varnothing G mm	Type of thread	Extension LE mm	Wire length Lc m	Type of termination
EEs - stn 300°C max	0.5	P5 A05	J Fe-Cuni IEC	0 Single Cl. 2 (standard)	0	A AISI 321	0050	S None	00 None	05 0.5	P Terminals \varnothing 1.4-1.8 max
PP Ø 100°C max	0.5	P5 C05	K NiCr - Ni DIN - IEC	2 Single Cl. 1 (special)	1	B AISI 316	0100			10 1	D Miniature plug
TS Ø 200°C max	0.5	P5 D05								15 1.5	
SS Ø 200°C max	0.5	P5 F05	L Fe-CuNi DIN		2	C Inconel 600 *	0150			20 2	G Standard plug
Ts T 220°C max	0.5	P5 G05	N NiCrSi-NiSi DIN - IEC				0200			25 2.5	
EEs - stn 300°C max	1	P5 A10	S PT 10%Rh-Pt DIN 34710 IEX 584				0250			30 3	
PP Ø 100°C max	1	P5 C10	T Cu - CuNi IEC				0300			35 3.5	S Insulated and tinned leads
TS Ø 200°C max	1	P5 D10					0350			40 4	
SS Ø 200°C max	1	P5 F10					0400			45 4.5	
Ts T 220°C max	1	P5 G10					0450			50 5	
EEs - stn 300°C max	1.5	P5 A15					0500			00 10	
PP Ø 100°C max	1.5	P5 C15									
TS Ø 200°C max	1.5	P5 D15									
SS Ø 200°C max	1.5	P5 F15									
Ts T 220°C max	1.5	P5 G15									
							L min			0020	

Note: for LG, LE and Lc other lengths upon request. Code example: LG = 135mm cod. 0135 / LE = 60mm cod. 06 / Lc = 7m cod. 70, * Valid option if thermocouple is K and N.

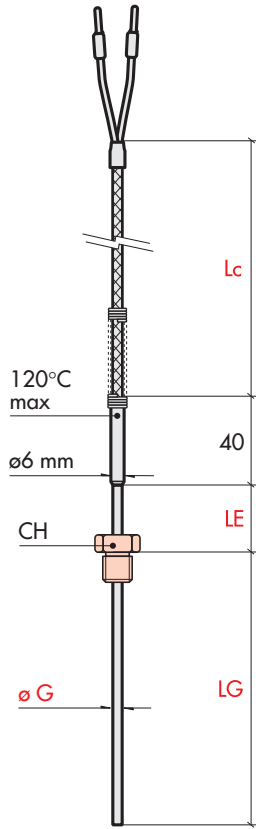
Product code example: **P5 A15 - L00 - A0100 - S00 - 10 P**

Straight MgO thermocouple with tinned EEs wire, \varnothing 1.5mm sheath, Fe-CuNi DIN, class 2 single element, ungrounded junction, AISI321 sheath, 100mm length, no attaching device, no extension, 1m wire and \varnothing 1.8mm terminals.



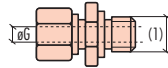
General purpose MgO sensors

Straight thermocouple, from $\varnothing 2$ to $\varnothing 4.5$ mm, with connection wire



Mounting Fittings (see data sheet Z1 Accessories)

NPT adjustable compression fittings



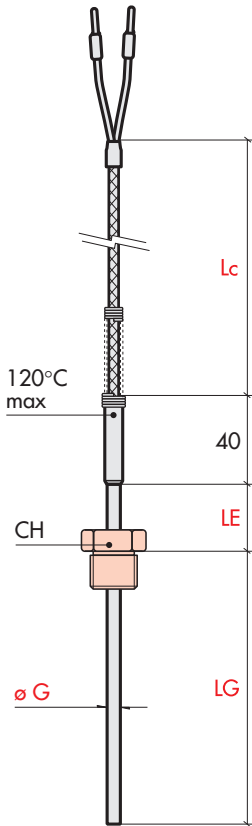
Material	Type of thread (1)	øG	Code
AISI 316	1/8" G	2	Z1 RFS-B/E020
	1/8" NPT	2	Z1 RFS-B/MO20
	1/8" G	3	Z1 RFS-B/E030
	1/8" NPT	3	Z1 RFS-B/MO30
	1/8" G	4.5	Z1 RFS-B/E045
	1/8" NPT	4.5	Z1 RFS-B/MO45

Type of wire	Diam. øG mm	Base code	Thermocouple type	Element N° and limits	Hot junction	Sheath material	Sheath øG mm	Type of thread	Extension LE mm	Wire length Lc m	Type of termination
EEs - stn 300°C max	2	P5 A20	J Fe-Cuni IEC	0 Single Cl. 2 (standard)		A AISI 321	0050	S None	00 None	05 0.5	P
PP Ø 100°C max	2	P5 C20	K NiCr - Ni DIN - IEC	1 Dual Cl. 2 (standard)	Insulated	B AISI 316	0100	E 1/8" Gas - L12	01 10	10 1	Terminals ø 1.4-1.8 max
TS Ø 200°C max	2	P5 D20	L Fe-CuNi DIN	2 Single Cl. 1 (special)		C Inconel 600 *	0150	F 1/4" Gas - L13	02 20	15 1.5	D
SS Ø 200°C max	2	P5 F20	N NiCrSi-NiSi DIN - IEC	3 Dual Cl. 1 (special)	Grounded		0200	I 1/2" Gas - L15	03 30	20 2	Miniature plug
Ts T 220°C max	2	P5 G20	S PT 10%Rh-Pt DIN 34710 IEX 584	4 Triple Cl. 2 only K ø 6			0250		04 40	25 2.5	G
TS Ø 200°C max	3	P5 D30	T Cu - CuNi IEC		Exposed		0300		05 50	30 3	Standard plug
SS Ø 200°C max	3	P5 F40				0350		08 80	35 3.5	35 3.5	S
Ts T 220°C max	3	P5 G30				0400			40 4	40 4	
EEs - stn 300°C max	4.5	P5 A45				0450			45 4.5	45 4.5	
PP Ø 100°C max	4.5	P5 C45				0500			50 5	50 5	
TS Ø 200°C max	4.5	P5 D45							00 10	00 10	
SS Ø 200°C max	4.5	P5 F45									
Ts T 220°C max	4.5	P5 G45									
						L min 0020					

Note: for LG, LE and Lc other lengths upon request. Code example: LG = 135mm cod. 0135 / LE = 60mm cod. 06 / Lc = 7m cod. 70, * Valid option if thermocouple is K and N.

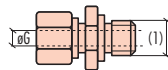
Product code example: **P5 A30 - L00 - A0100 - S00 - 10P**

Straight MgO thermocouple with tinned EEs wire, ø 3mm sheath, Fe-CuNi DIN, class 2 single element, ungrounded junction, AISI321 sheath, 100mm length, no attaching device, no extension, 1m wire and ø 1.8 mm terminals.



Mounting Fittings (see data sheet Z1 Accessories)

NPT adjustable compression fittings



Material	Type of thread (1)	øG	Code
AISI 316	1/4"G	6	Z1 RFS-B/FO60
	1/2"G	6	Z1 RFS-B/IO60
	1/4"G	8	Z1 RFS-B/FO80
	1/2"G	8	Z1 RFS-B/IO80
Treated brass	1/4"G	6	Z1 RFS-O/FO60
	1/2"G	6	Z1 RFS-O/IO60
	1/4"G	8	Z1 RFS-O/FO80
	1/2"G	8	Z1 RFS-O/IO80

General purpose MgO sensors

Straight thermocouple, from ø 6 to ø 8mm, with extension wire, optional fixed attaching device

Type of wire	Diam. øG mm	Base code	Thermocouple type	Element N° and limits	Hot junction	Sheath material	Sheath LG mm	Type of thread	Extension LE mm	Wire length Lc m	Type of termination
EES - stn 300°C max	6	P5 A60	J Fe-Cuni IEC	0 Single Cl. 2 (standard)	0	A AISI 321	0050	S None	00 None	05 0.5	P Terminals ø 1.4-1.8 max
PP O 100°C max	6	P5 C60	K NiCr - Ni DIN - IEC	1 Dual Cl. 2 (standard)	0 Insulated	B AISI 316	0100	E 1/8" Gas - L12	01 10	10 1	D Miniature plug
TS O 200°C max	6	P5 D60	L Fe-CuNi DIN	2 Single Cl. 1 (special)	1	C Inconel 600 *	0150	F 1/4" Gas - L13	02 20	15 1.5	
SS O 200°C max	6	P5 F60	N NiCrSi-NiSi DIN - IEC	3 Dual Cl. 1 (special)	1 Grounded		0200	I 1/2" Gas - L15	03 30	20 2	G Standard plug
Ts T 220°C max	6	P5 G60	S PT 10%Rh-Pt DIN 34710 IEX 584	4 Triple Cl. 2 solo K	2		0250	04 40	04 40	25 2.5	
EES - stn 300°C max	8	P5 A80	T Cu - CuNi IEC		2 Exposed	0300	0350	05 50	30 3	35 3.5	S Insulated and tinned leads
PP O 100°C max	8	P5 C80				0400	0450	08 80	35 3.5	40 4	
TS O 200°C max	8	P5 D80				0500			40 4	45 4.5	
SS O 200°C max	8	P5 F80				0400			45 4.5	50 5	
Ts T 220°C max	8	P5 G80				0500			50 5	00 10	
						L min 0020					

Note: for LG, LE and Lc other lengths upon request. Code example: LG = 135mm cod. 0135 / LE = 60mm cod. 06 / Lc = 7m cod. 70, * Valid option if thermocouple is K and N.

Product code example: **P5 A60 - L00 - A0100 - S00 - 10 P**

Straight MgO thermocouple with tinned EEs wire, ø 6mm sheath, Fe-CuNi DIN, class 2 single element, ungrounded junction, AISI321 sheath, 100mm length, no attaching device, no extension, 1m wire and ø 1.8mm terminals