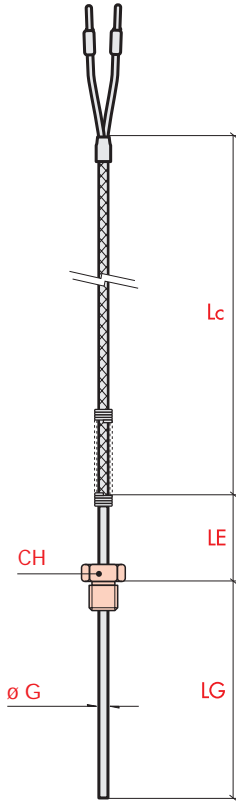


General purpose sensors with wire

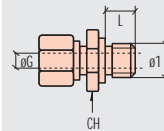


A2 Straight thermocouple,
4 to 5 mm o.d.,
optional fixed
screw fitting

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	3	Z1 RFS-B/EO30
	1/8" NPT	10.5	12	3	Z1 RFS-B/MO30
	1/8" G	10.5	12	4	Z1 RFS-B/EO40
	1/8" NPT	10.5	12	4	Z1 RFS-B/MO40
	1/8" G	10.5	12	5	Z1 RFS-B/EO50
	1/8" NPT	10.5	12	5	Z1 RFS-B/MO50

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	Lc wire length m	Type of termination								
Tinned EEs: 300°C max	3	A2 A30	L Fe - CuNi DIN	0 Single Cl. 2 (standard)	0 Insulated	B AISI 316	0100	S Without	00 Without	10 1	P Terminals ø 1.4 - 1.8 max								
Ts T 220°C max	3	A2 G30																	
Tinned EEs: 300°C max	4	A2 A40	J Fe - CuNi IEC	1 Dual Cl. 2 (standard)	1 Insulated		0050	A M6 x 1 - L10 CH-10 (solo ø3)	02 20	05 0.5	S Insul. and tinned leads								
TS 0 200°C max	4	A2 D40	U Cu - CuNi DIN	2 Single Cl. 1 (special)	2 Grounded		0150	B M8 x 1.25 - L10 CH - 14	03 30	15 1.5	F Faston 6.35								
Ts T 220°C max	4	A2 G40	T Cu - CuNi IEC	3 Dual Cl. 1 (special)	2 Exposed		0200	D M10 x 1.5 - L13 CH - 14	05 50	20 2									
Tinned EEs: 300°C max	5	A2 A50	K NiCr - Ni DIN-IEC		3 Insulated 120° tip *		0250	E 1/8" Gas - L12 CH-14	08 80	25 2.5	D Miniature plug								
TS 0 200°C max	5	A2 D50													0300	F 1/4" Gas - L13 CH - 17		30 3	
Ts T 220°C max	5	A2 G50													0350	M 1/8" NPT - L10 CH - 14		35 3.5	G Standard plug
															0400	N 1/4" NPT - L13 CH - 17		40 4	J Cylindrical plug ø 17
															0450			45 4.5	R Male ø 12 cylindrical plug
						0500				50 5									
						L min 0020				00 10									

Note: other lengths on request for LG, LE and LC. Code ex.: LG = 135 mm Code 0135 / LE = 60mm Code 06 / Lc = 7m Code 70

Reference model:

Straight thermocouple with tinned EEs wire, 5mm sheath o.d., Fe-CuNi DIN, single element, class 2, ungrounded junction round end, AISI 316 sheath, 100mm length, no attaching device, no extension, 1m wire and ø 1.8 terminals.

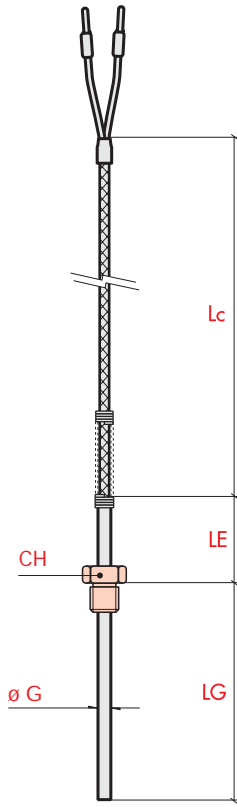
A2 A50 - L 0 0 - B 0100 - S 00 - 10 P

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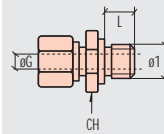
General purpose sensors with wire

A2 Straight thermocouple, 6 to 10mm o.d., optional fixed threaded attaching device



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/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
	1/2"G	14	24	10	Z1 RFS-B/I100
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

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	Lc wire length m	Type of termination
Tinned EEs: 300°C max	6	A2 A60	L Fe - CuNi DIN	0 Single Cl. 2 (standard)	0 Insulated	B AISI 316	0100	S Without	00 Without	10 1	P Terminals ø 1.4 - 1.8 max
TS 0 200°C max	6	A2 D60									
TS T 220°C max	6	A2 G60	J Fe - CuNi IEC	1 Dual Cl. 2 (standard)	1 Insulated		0050	D M10 x 1.5 - L13 CH - 14 (solo ø6)	02 20	05 0.5	S Insul. and tinned leads
Tinned EEs: 300°C max	7	A2 A70	U Cu - CuNi DIN	2 Single Cl. 1 (special)	2 Grounded		0150	E 1/8" Gas - L12 CH - 14 (solo ø6)	03 30	15 1.5	F Faston 6.35
TS 0 200°C max	7	A2 D70	T Cu - CuNi IEC	3 Dual Cl. 1 (special)	2 Exposed		0200	F 1/4" Gas - L13 CH - 17	05 50	20 2	
TS T 220°C max	7	A2 G70	K NiCr - Ni DIN - IEC				0250	H 3/8" Gas - L15 CH - 22	08 80	25 2.5	D Miniature plug
Tinned EEs: 300°C max	8	A2 A80			3 Insulated 120° tip *		0300	I 1/2" Gas - L15 CH - 24		30 3	G Standard plug
TS 0 200°C max	8	A2 D80					0350	M 1/8" NPT - L10 CH - 14 (solo ø6)		35 3.5	J Cylindrical plug ø 17
TS T 220°C max	8	A2 G80					0400	N 1/4" NPT - L13 CH - 17		40 4	R Male ø 12 cylindrical plug
Tinned EEs: 300°C max	10	A2 A00			4 Grounded 120° tip *		0450	P 3/8" NPT - L15 CH - 22		45 4.5	
TS 0 200°C max	10	A2 D00					0500	Q 1/2" NPT - L15 CH - 24		50 5	
TS T 220°C max	10	A2 G00			* Brazing		L min 0020			00 10	

Note: other lengths on request for LG, LE and LC. Code ex.: LG = 135 mm Code 0135 / LE = 60mm Code 06 / Lc = 7m Code 70

Reference model:

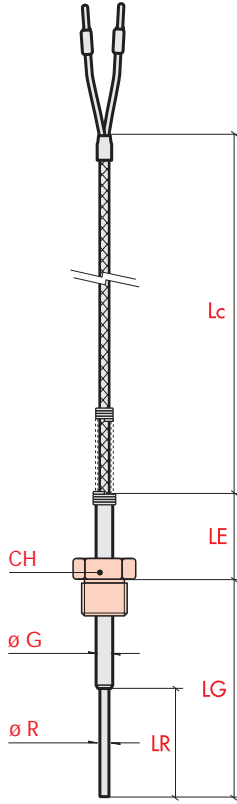
Straight thermocouple with tinned EEs wire, sheath ø 6mm, Fe-CuNi DIN, single element, class 2, ungrounded junction plain end, AISI 316 sheath, 100mm length, no compression fitting, no extension, 1m wire and ø 1.8 terminals.

A2 A60 - L 0 0 - B 0100 - S 00 - 10 P

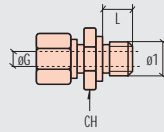
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A3 Straight/tapered thermocouple, \varnothing 6 and \varnothing 8 mm, with optional threaded fixed fitting



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/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

Type of wire	Diam. øG mm	Base code	Thermocouple type	Element N° and limits	Hot junction	Sheath material	Sheath LG mm	Tapering øR x LR mm	Type of thread	Extension LE mm	Lc wire length m	Type of termination
Tinned EEs: 300°C max	6	A3 A60	L Fe - CuNi DIN	0 Single Cl. 2 (standard)	0 Insulated	B AISI 316	0100	0 ø4 x 50	S Without	00 Without	10 1	P Terminals ø 1.4 - 1.8 max
TS O 200°C max	6	A3 D60	J Fe - CuNi IEC	1 Dual Cl. 2 (standard)	1		0050	1 ø4 x 80	D M10 x 1.5 - L13 CH - 14 (solo ø6)	02 20	05 0.5	S Insul. and tinned leads
TS T 200°C max	6	A3 G60	U Cu - CuNi DIN	2 Single Cl. 1 (special)	2 Grounded		0150	2 ø4 x 100	E 1/8" Gas - L12 CH - 14 (solo ø6)	03 30	15 1.5	F Faston 6.35
Tinned EEs: 300°C max	8	A3 A80	T Cu - CuNi IEC	3 Dual Cl. 1 (special)	3 Exposed		0200	3 ø5 x 50	F 1/4" Gas - L13 CH - 17	05 50	20 2	F Faston 6.35
TS O 200°C max	8	A3 D80	K NiCr - Ni DIN - IEC				0250	4 ø5 x 80	H 3/8" Gas - L15 CH - 22	08 80	25 2.5	D Miniature plug
TS T 200°C max	8	A3 G80					0300	5 ø5 x 100	I 1/2" Gas - L15 CH - 24		30 3	G Standard plug
					3 Insulated 120° tip *		0350		M 1/8" NPT - L10 CH - 14 (solo ø6)		35 3.5	G Standard plug
					4 Grounded 120° tip *		0400		N 1/4" NPT - L13 CH - 17		40 4	J Cylindrical plug ø 17
							0450		P 3/8" NPT - L15 CH - 22		45 4.5	J Cylindrical plug ø 17
							0500		Q 1/2" NPT - L15 CH - 24		50 5	R Male ø 12 cylindrical plug
					* Brazing		L min 0080				00 10	

Note: other lengths on request for LG, LE and LC. Code ex.: LG = 135 mm Code 0135 / LE = 60mm Code 06 / Lc = 7m Code 70

Reference model:

Straight/tapered thermocouple with EEs tinned wire, \varnothing 6 sheath, Fe-CuNi DIN, single element, class 2, ungrounded junction plain end AISI 316 sheath, 100mm length, \varnothing 4 x 50 tapering, no threaded fitting, no extension, with 1m cable and \varnothing 1.8 terminals.

A3 A60 - L 0 0 - B 0100 . 0 - S 00 - 10 P

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