

Mineral-Insulated Thermocouples with Form J Terminal Head According to DIN 43710 and DIN EN 60584 (901210)

- For temperatures from -200 to +1200 °C
- Flexible sheath cable with vibration-resistant measuring insert
- Protection tube diameter as of 3.0 mm
- Quick response time
- Application-specific insertion length



Order details

		(1) Basic type		
		901230/40	Mineral-insulated thermocouple with terminal head Form J	
		901230/41	Push-in MI thermocouple with terminal head Form J acc. to DIN 43 710 and DIN EN 60 584	
		(2) Measuring insert		
X	X	1040	1x Fe-CuNi J, operating temperature -200 ... +800°C, sheath material No. 1.4541	
X	X	1042	1x Fe-CuNi L, operating temperature -200 ... +800°C, sheath material No. 1.4541	
X	X	1043	1x NiCr-Ni K, operating temperature -200 ... +1200°C, sheath material No. 2.4816	
X	X	1048	1x NiCrSi-NiSi N, operating temperature -200 ... +1200°C, sheath material No. 2.4816	
X	X	2042	2x Fe-CuNi L, operating temperature -200 ... +800°C, sheath material No. 1.4541	
X	X	2043	2x NiCr-Ni K, operating temperature -200 ... +1200°C, sheath material No. 2.4816	
X	X	2048	2x NiCrSi-NiSi N, operating temperature -200 ... +1200°C, sheath material No. 2.4816	
		(3) Diameter prot. tube		
X	X	3,00	Ø 3,0mm	Price per 100 mm Insertion length
X	X	4,50	Ø 4,5mm	Price per 100 mm Insertion length
X	X	6,00	Ø 6,0mm	Price per 100 mm Insertion length
		(4) Insertion length		
X	X	100,00	100 mm	
X	X	200,00	200 mm	
X	X	300,00	300 mm	
X	X	400,00	400 mm	
X	X	500,00	500 mm	
X	X	50,00 - 50000,00	50 - 50000 mm	
		(5) Process connection		
	X	000	Without process connection	
X		103	Screw connection G 3/8	
X		104	Screw connection G 1/2	
		(6) Extra codes		
X	X	000	Without extra code	
X	X	309	Uninsulated assembly (thermocouple welded to tip)	
X	X	658	SIL- and PL-suitable with safety temperature limiter and safety temperature monitor 70115X	
X	X	659	SIL- and PL-suitable (only in connection with temperature transmitter T06, data sheet 707071)	

Order code

(1) (2) (3) (4) (5) (6)

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Important information:

Combinations "measuring insert / protection tube diameter" only available according to the following table

Quantity discount:

As of 5 pieces: 5 %

As of 10 pieces: 10 %

As of 25 pieces: please inquire

Price per 100 mm insertion length EL for mineral-insulated thermocouples

Thermocouple Fe-CuNi "L"

Protection tube diameter D in mm	1x Fe-CuNi L single thermocouples	2x Fe-CuNi L double thermocouples
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6.0	€3.00	€5.00
4.5	€3.00	€3.50
3.0	€1.50	€2.50

Thermocouple Fe-CuNi "J"

Protection tube diameter D in mm	1× Fe-CuNi J single thermocouples	2× Fe-CuNi J double thermocouples
6.0	€3.00	-
3.0	€1.50	-

Thermocouple NiCr-Ni "K"

Protection tube diameter D in mm	1× NiCr-Ni K single thermocouples	2× NiCr-Ni K double thermocouples
6.0	€3.00	€5.00
4.5	€3.00	€3.50
3.0	€1.50	€2.50

Thermocouple NiCrSi-NiSi "N"

Protection tube diameter D in mm	1× NiCrSi-NiSi N single thermocouples	2× NiCrSi-NiSi N double thermocouples
6.0	€3.00	€5.00
3.0	€1.50	€2.50


Stock versions

Order code	Part no.
901230/40-1043-6-200-104/000	00068430
901230/40-1043-6-300-104/000	00068431

Accessories

Description	Part no.
Compression Fitting M8 D=3,1 SS	00080810
Compression Fitting M 8x1 D=3 SS Verschraubung Klemmverschraubung	00049709
Rohrversch. M 8x1 Verschraubung Klemmverschraubung	00049704
Rohrversch. M 8x1 Verschraubung Klemmverschraubung	00049710
Compression Fitting M 10x1 D=6mm SS Klemmverschraubung Verschraubung	00065416
Tube screw connection G 1/4A Verschraubung Klemmverschraubung	00080811
Tube screw connection G 3/8A Verschraubung Schneidringverschraubung Klemmversch.	00057945
Rohrversch. G 3/8 D 6mm VA Verschraubung Klemmversch.	00317966
Compression Fitting G1/2 D=6mm SS Klemmverschraubung Verschraubung	00305445
Tube screw connection 1/2 -14 NPT Verschraubung Klemmverschraubung	00444210
Flange lø 6,3 height 14mm	00065062