


Mineral-Insulated Thermocouple with Bare Connection Wires 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 1.0 mm
- Quick response time
- Application-specific insertion length



Order details

(1) Basic type			
	901210/10	Mineral-insulated thermocouple with stripped connecting wires	
(2) Measuring insert			
X	1040	1x Fe-CuNi J, operating temperature -200...+800°C, sheath material No. 1.4541	
X	1042	1x Fe-CuNi L, operating temperature -200...+800°C, sheath material No. 1.4541	
X	1043	1x NiCr-Ni K, operating temperature -200...+1200°C, sheath material No. 2.4816	
X	1048	1x NiCrSi-NiSi N, operating temperature -200...+1200°C, sheath material No. 2.4816	
X	2042	2x Fe-CuNi L, operating temperature -200...+800°C, sheath material No. 1.4541	
X	2043	2x NiCr-Ni K, operating temperature -200...+1200°C, sheath material No. 2.4816	
X	2048	2x NiCrSi-NiSi N, operating temperature -200...+1200°C, sheath material No. 2.4816	
(3) Diameter prot. tube			
X	1,00	Ø 1,0mm	Price per 100 mm Insertion length
X	1,50	Ø 1,5mm	Price per 100 mm Insertion length
X	2,00	Ø 2,0mm	Price per 100 mm Insertion length
X	3,00	Ø 3,0mm	Price per 100 mm Insertion length
X	4,50	Ø 4,5mm	Price per 100 mm Insertion length
X	6,00	Ø 6,0mm	Price per 100 mm Insertion length
(4) Insertion length			
X	100,00	100 mm	
X	200,00	200 mm	
X	300,00	300 mm	
X	400,00	400 mm	
X	500,00	500 mm	
X	50,00 - 50000,00	50 - 50000 mm	
(5) Extra codes			
X	000	Without extra code	
X	309	Uninsulated assembly (thermocouple welded to tip)	
X	658	SIL- and PL-suitable with safety temperature limiter and safety temperature monitor 70115X	
X	659	SIL- and PL-suitable (only in connection with temperature transmitter T06, data sheet 707071)	

Order code

(1)	(2)	(3)	(4)	(5)
<input type="text"/>	- <input type="text"/>	- <input type="text"/>	- <input type="text"/>	/ <input type="text"/>

Important information:

Combinations "measuring insert / protection tube diameter" only available as listed in 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	1× Fe-CuNi "L" single thermocouples	2× Fe-CuNi "L" double thermocouples
6.0	€3.00	€5.00
4.5	€3.00	€3.50
3.0	€1.50	€2.50
2.0	€1.50	-
1.5	€1.00	-
1.0	€1.00	-

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	-
2.0	€1.50	-
1.5	€1.00	-
1.0	€1.00	-

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
2.0	€1.50	€2.50
1.5	€1.00	-
1.0	€1.00	-

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
1.5	€1.00	-

