


## Mineral-Insulated Thermocouples with Standard Tab Connector 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 0.5 mm
- Quick response time
- Application-specific insertion length



### Order details

(1) Basic type		
901240/20	Mineral-insulated thermocouple with standard flat emf-free connector to DIN 43 710 and DIN EN 60 584	
(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
(3) Diameter prot. tube		
X	0,50	0,5mm Price per mm Insertion length
X	1,00	1mm Price per 100 mm Insertion length
X	1,50	1,5mm Price per 100 mm Insertion length
X	2,00	2mm Price per 100 mm Insertion length
X	3,00	3mm Price per 100 mm Insertion length
X	4,50	4,5mm Price per 100 mm Insertion length
X	6,00	6mm 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)
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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
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	-
0.5	€18.00	-

**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	-



Accessories see price sheet:

- Plug Connections for Thermocouples (909760)