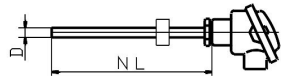
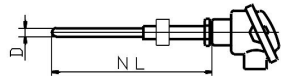


Push-In Thermocouple with Form B Terminal Head (901120)

- For temperatures from -200 to +1600 °C
- With protection tubes made from various materials
- As single or double thermocouple
- Terminal head form B, BUZ, BUZH, BBK
- Available with transmitter



Order details

		(1) Basic type		
		901120/10	Push-in thermocouple with continuous thermowell made of heat-resistant steel	
		901120/20	Push-in thermocouple with stepped ceramic thermowell	
		(2) Measuring insert		
X	X	1040	1x Fe-CuNi J, operating temperature -200 ... +600°C	
X	X	1042	1x Fe-CuNi L, operating temperature -200 ... +600°C	
X	X	1043	1x NiCr-Ni K, operating temperature -200 ... +1200°C	
X	X	1044	1x Pt10Rh-Pt S, operating temperature 0 ... 1300°C	
X	X	1046	1x Pt30Rh-Pt6Rh B, operating temperature 600 ... 1600°C	
X	X	2040	2x Fe-CuNi J, operating temperature -200 ... +600°C	
X	X	2042	2x Fe-CuNi L, operating temperature -200 ... +600°C	
X	X	2043	2x NiCr-Ni K, operating temperature -200 ... +1200°C	
X	X	2044	2x Pt10Rh-Pt S, operating temperature 0 ... 1300°C	
X	X	2046	2x Pt30Rh-Pt6Rh B, operating temperature 600 ... 1600°C	
		(3) Diameter prot. tube		
	X	6,00	6mm	
	X	8,00	8mm	
	X	10,00	10mm	
X		15,00	15mm	
		(4) Nominal length		
	X	180,0	180mm, fitting length (EL) 100 ... 140mm	
X	X	250,0	250mm, fitting length (EL) 100 ... 210mm	
	X	355,0	355mm, fitting length (EL) 100 ... 315mm	
X	X	500,0	500mm, fitting length (EL) 100 ... 460mm	
	X	710,0	710mm, fitting length (EL) 100 ... 670mm, only for D=8mm	
	X	1000,0	1000mm, fitting length (EL) 100 ... 960mm, only for D=8mm	
X	X	180,0 - 1200,0	Indication in plain text (gradation 50mm) (NL ≤ 1000 for Type 901120/20) (price for each mm NL)	
		(5) Process connection		
X	X	000	Without process connection	
X	X	254	Compression fitting G 1/2	
X	X	668	Stop flange ø. 15mm DIN 43734	
		(6) Protection tube material		
X		27	CrNi 1.4749	
X		28	CrNi 1.4841	
	X	94	Ceramic C 799 (KER 710) (operating temperature up to +1600°C)	
		(7) Extra codes		
X	X	000	Without extra code	
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)	
X	X	320	Terminal head form BUZ	
X	X	321	Terminal head form BUZH	
X	X	322	Terminal head form BBK	
X	X	331	1x programmable transmitter, 4 to 20 mA/20 to 4 mA output, data sheet 707010	

X	X	335	2x programmable transmitter, 4 to 20 mA/20 to 4mA output, data sheet 707010
X	X	550	1x transmitter programmable, 4 to 20 mA/20 to 4 mA output (USB), data sheet 707050
X	X	859	1x Wtrans B programmable transmitter with transmission, data sheet 707060

Order code

(1) (2) (3) (4) (5) (6) (7)
 - - - - - /

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 €	-


Stock versions

Order code	Part no.
901120/10-1043-15-500-668-27/000	00054589

Accessories

Description	Part no.
PC interface with converter USB/TTL	00456352
Battery SL-760/S in foil bag 707060	00547559
Activation for OnlineChart	00549188
USB cable, A-connector to Mini-B connect length 3 m	00506252
Calibration box Type K	30054432

Accessories see price sheet:

- Measuring Inserts for Screw-In Thermocouples with Form B Terminal Head (909740)
- Pipe Screw Connections (909750)
- Flanges (909750)

Software

Description	Part no.
Setup-Program Wtrans	00488887
Setup program Wtrans inkl OnlineChart	00549067
Setup JUMO dTRANS T05 707050/51	00574959
JUMO setup dTRANS T01J 315.01.xx/1.08J	00605080