

Mineral-Insulated RTD Temperature Probe with Form B Terminal Head According to DIN EN 60751 (902210)



- For temperatures from -50 (-200) to +600 °C
- Flexible sheath cable with vibration-resistant measuring insert
- As single or double RTD temperature probe in two-wire, three-wire, or four-wire circuit
- Quick response time
- Application-specific insertion length

Order details

		(1) Basic type		
		902220/40	Screw-in MI RTD with terminal head Form B according to DIN EN 60 751	
		902220/41	Push-in MI RTD with terminal head Form B according to DIN EN 60 751	
		(2) Operating temperature in °C		
X	X	150	-200..600°C	
X	X	415	-50..600°C	
		(3) Measuring insert		
X	X	1001	1x Pt100 in 3-wire circuit	
X	X	1003	1x Pt100 in 2-wire circuit (standard for transmitter extra code 330 and 333)	
X	X	1011	1x Pt100 in 4-wire circuit (standard for transmitter extra code 331 and 336)	
X	X	2001	2x Pt100 in 3-wire circuit	
X	X	2003	2x Pt100 in 2-wire circuit	
		(4) Tolerance class		
X	X	1	Class B	
X	X	2	Class A	
X	X	3	Class AA	
		(5) Diameter prot. tube		
X	X	3,00	3mm	Price per 100 mm Insertion length
X	X	6,00	6mm	Price per 100 mm Insertion length
		(6) Insertion length		
X	X	100,00 - 10000,00	100 - 10000 mm	
		(7) Process connection		
	X	000	Without process connection	
X		102	Screw connection G 1/4	
X		103	Screw connection G 3/8	
X		104	Screw connection G 1/2	
		(8) 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 temperaturetransmitter T06, data sheet 707071)	
X	X	320	Terminal head form BUZ	
X	X	330	1x analog transmitter, 4 to 20 mA output, data sheet 707030	
X	X	331	1x programmable transmitter, 4 to 20 mA/20 to 4 mA output, data sheet 707010	
X	X	333	1x analog transmitter, 0 to 10 V output, data sheet 707030	
X	X	550	1x transmitter programmable, 4 to 20 mA/20 to 4 mA output (USB), data sheet 707050	

Order code

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

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 RTD temperature probe

Protection tube diameter D in mm	1× Pt... 2-wire circuit	1× Pt... 3-wire circuit	1× Pt... 4-wire circuit
3.0	€1.50	€2.00	€2.00
6.0	€2.50	€3.00	€3.00

Protection tube diameter D in mm	2× Pt... 2-wire circuit	2× Pt... 3-wire circuit	2× Pt... 4-wire circuit
3.0	€2.00	-	-
6.0	€3.00	-	-


Accessories

Description	Part no.
Compression Fitting M8 D=3,1 SS	00080810
Compression Fitting M 8x1 D=3 SS Verschraubung Klemmverschraubung	00049709
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 Klemmverschr.	00057945
Rohrversch. G 3/8 D 6mm VA Verschraubung Klemmverschr.	00317966
Compression Fitting G1/2 D=6mm SS Klemmverschraubung Verschraubung	00305445
Tube screw connection 1/2 -14 NPT Verschraubung Klemmverschraubung	00444210
Flange l \varnothing 6,3 height 14mm	00065062
USB cable, A-connector to Mini-B connect length 3 m	00506252
PC interface with converter USB/TTL	00456352

Software

Description	Part no.
Setup program dTRANS T01 CD-ROM 709709 955010	00378733
Setup JUMO dTRANS T05 707050/51	00574959
JUMO setup dTRANS T01J 315.01.xx/1.08J	00605080