

## Screw-In RTD Temperature Probe with Connecting Cable (902050)

- For temperatures from -50 to +400 °C
- As single or double RTD temperature probe
- In two-wire, three-wire, or four-wire circuit
- Connecting cable PVC, silicone, PTFE, metal braiding



### Order details

		<b>(1) Basic type</b>		
		902050/10	Screw-in resistance thermometer with fixed screw connection	
		902050/20	Screw-in resistance thermometer with loose screw connection	
		902050/30	Screw-in resistance thermometer with loose screw connection and stepped protection tube	
		902050/40	Screw-in resistance thermometer, screw-in protection tube	
		<b>(2) Operating temperature in °C</b>		
X	X	130	-200..+400°C/ metal mesh	
X	X	X	380	-50..+200°C/silicone
X	X		386	-50..+260°C/PTFE
		X	390	-50..+300°C/ metal mesh
X	X		402	-50..+400°C/ metal mesh
X	X	X	724	-5..+80°C/PVC
X	X	X	912	Only for 1 x 2-wire or 3-wire circuit
		<b>(3) Measuring insert</b>		
X	X	X	1001	1x Pt100 in 3-wire circuit
X	X	X	1003	1x Pt100 in 2-wire circuit
X	X		1011	1x Pt100 in 4-wire circuit
X	X		2001	2x Pt100 in 3-wire circuit
X	X		2003	2x Pt100 in 2-wire circuit
		<b>(4) Tolerance class</b>		
X	X	X	1	Class B
X	X	X	2	Class A
X	X	X	3	Class AA
		<b>(5) Diameter prot. tube</b>		
X	X		5,00	5mm
		X	5,40	5,4mm
X	X		6,00	6mm
		X	8,00	8mm
		<b>(6) Fitting length in mm</b>		
		X	17,00	17 mm
		X	25,00	25 mm
		X	27,50	27,5 mm
		X	37,00	37 mm
X	X		50,00	50 mm
X	X		100,00	100 mm
		X	137,00	137 mm
X	X		200,00	200 mm
X			250,00	250 mm
X	X		17,00 - 500,00	Indication of length in steps of 50mm, price acc. to price list

(7) Process connection											
X										102	Screw connection G 1/4
X										104	Screw connection G 1/2
			X							111	Screw connection M8 (x1,25)
	X	X								114	Screw connection M10 x 1
(8) Connecting cable end											
X	X	X	X							03	Stripped cable ends
X	X	X	X							04	Tin-plated cable ends
X	X	X	X							11	Ferrules
X	X	X	X							56	M12 connector
X	X	X	X							80	Multipole connector (type indicated in plain text)
(9) Connecting line length in mm											
X	X	X	X							2500	2500 mm
X	X	X	X							500 - 500000	Indication in plain text (gradation 500mm)
(10) Extra codes											
X	X	X	X							000	Without extra code
X	X									310	Protection tube stepped down
X	X	X	X							315	Bend protection spring
X	X	X	X							316	Bend protection tubing
X	X	X	X							317	Shielded connecting cable
X	X	X	X							658	SIL- and PL-suitable with safety temperature limiter and safety temperature monitor 70115X
X	X	X	X							659	SIL- and PL-suitable (only in connection with temperature transmitter T06, data sheet 707071)
X										1160	H2 ready - mobile hydrogen applications

**Order code**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)

**Quantity discount:**

As of 5 pieces: 5 %

As of 10 pieces: 10 %

As of 25 pieces: please inquire


**Stock versions**

Order code	Part no.
902050/10-378-1001-1-6-100-104-11-2500/316,	00065232
902050/10-378-1001-1-6-250-104-11-2500/316,	00065235
902050/30-378-1001-1-5,4-27,5-114-11-2500/316,	00089972
902050/40-388-1003-1-8-25-111-11-2500/315,317,	00055722
902050/40-388-1001-1-8-25-111-11-2500/315,317,	00055732
902050/20-402-1003-1-6-37-114-11-2500/315,317,	00464846
902050/20-402-1001-1-6-37-114-11-2500/315,317,	00464849

Accessories see price sheet:

- Screw-In Thermowells (909710)