

Indoor and Outdoor RTD Temperature Probe (902520)

- For temperatures from -50 to +90 °C
- For application in air conditioning technology
- Protection type IP20 to IP65
- Connection available in two-wire, three-wire, or four-wire circuit
- Available with analog transmitter



Order details

(1) Basic type												
										902520/10	Indoor resistance thermometer, protection class IP20	
										902520/11	Indoor and outdoor resistance thermometer, Protection class IP54	
										902520/15	Outdoor resistance thermometer, Protection class IP65	
										902520/21	Wall resistance thermometer with inner sensor protection IP65	
										902520/22	Wall resistance thermometer with outer sensor protection IP65	
										902520/23	wall resistance thermometer with stepped protection tube protection IP65	
										902520/24	Wall resistance thermometer with push-in resistance thermometer with PVC connecting cable 2500 mm protection IP65	
										(2) Operating temperature in °C		
			X	X	X	X				361	-50..90°C	
				X	X	X				474	-40..+80°C (range only in connection with transmitter)	
X							X			572	-30..80°C	
			X	X	X	X				573	-30..90°C	
	X									635	-20..80°C	
X										803	0..40°C (range only in connection with extra code 330 or 333)	
X										807	0..60°C (range only in connection with extra code 330 or 333)	
										(3) Measuring insert		
X	X	X	X	X	X	X	X			0000	Without measuring insert	
X										1001	1x Pt100 in 3-wire circuit	
X	X	X	X	X	X	X	X			1003	1x Pt100 in 2-wire circuit	
X	X	X	X	X	X	X	X			1005	1x Pt1000 in 2-wire circuit	
X	X	X	X	X	X	X	X			1009	1x Ni1000 in 2-wire circuit	
			X	X	X		X			1619	1x KTY 81-110	
			X	X			X			1654	1x LM 235 Z	
			X	X	X	X	X			1728	1x NTC TT3-1KC2-5/1K	
X										2001	2x Pt100 in 3-wire circuit	
	X		X	X	X	X				2003	2x Pt100 in 2-wire circuit	
			X	X	X	X				2005	2x Pt1000 in 2-wire circuit	
			X	X		X				2009	2x Ni1000 in 2-wire circuit	
										(4) Tolerance class		
			X	X	X	X	X			0	No tolerance defined	
X	X	X	X	X	X	X	X			1	Class B	
X		X	X	X	X	X	X			2	Class A	

X		X	X	X	X	X	3	Class AA
								(5) Extra codes
X	X	X	X	X	X	X	000	Without extra code
			X	X	X	X	242	4-pole spring-type terminal
X	X	X	X	X	X	X	658	SIL- and PL-suitable with safety temperature limiter and safety temperature monitor 70115X
X	X	X	X	X	X	X	659	SIL- and PL-suitable (only in connection with temperature transmitter T06, data sheet 707071)
X			X	X	X	X	330	1x analog transmitter, output 4..20mA (in connection with 1x Pt100)
X			X	X	X	X	333	1x analog transmitter, output 0..10V (in connection with 1x Pt100)
		X					903	Cable gland (IP65)

Order code

(1)	(2)	(3)	(4)	(5)

Quantity discount:

As of 5 pieces: 5 %

As of 10 pieces: 10 %

As of 25 pieces: please inquire

¹ For extra code transmitter please specify measuring range in plain text.

Stock versions

Order code	Part no.
902520/10-572-1001-1/000	00065671
902520/10-572-1005-1/000	00397862
902520/10-803-1003-1/330,(0..40)	00064003
902520/10-807-1003-1/330,(0..60)	00065717
902520/10-803-1003-1/333,(0..40)	00439187
902520/11-635-1003-1/000	00055723
902520/15-361-1003-1/000	00546799
902520/15-361-1005-1/000	00546802
902520/15-361-1003-1/903,	00546800
902520/15-361-1005-1/903,	00546801
902520/21-573-1003-1/000	00652595
902520/21-573-1005-1/000	00661446
902520/22-573-1003-1/000	00650818
902520/22-573-1005-1/000	00650823
902520/22-474-1003-1/330,(-40..80)	00650826
902520/23-573-1003-1/000	00650836
902520/23-573-1005-1/000	00650837
902520/23-474-1003-1/330,(-30..60)	00658171
902520/23-474-1003-1/333,(-30..60)	00671483
902520/23-474-1003-1/330,(-40..80)	00650838
902520/23-474-1003-1/333,(-40..80)	00650839

Accessories

Description	Part no.
Tube screw connection G 1/4A Verschraubung Klemmverschraubung	00080811
Tube screw connection G 3/8A Verschraubung Schneidringverschraubung Klemmverschr.	00057945
Compression Fitting G1/2 D=6mm SS Klemmverschraubung Verschraubung	00305445
Compression Fitting M 10x1 D=6mm SS Klemmverschraubung Verschraubung	00065416
Tube screw connection 1/2 -14 NPT Verschraubung Klemmverschraubung	00444210
Flange l \varnothing 6,3 height 14mm	00065062

Accessories see price sheet:

- Channel RTD Temperature Probe (902520)