

Screw-In RTD Temperature Probes with Terminal Head Form J (902030)

- For temperatures from -50 to +400 °C
- As single or double RTD temperature probe
- Available with transmitter
- Protection type IP65
- Extension tube version



Order details

(1) Basic type												
										902030/10	Screw-in RTD temperature probe with terminal head Form J, with continuous thermowell	
										902030/11	Screw-in RTD temperature probe with terminal head Form J, with stepped thermowell (with Ø 6 to 3,8mm; with Ø 8 to 6mm)	
										902030/20	Screw-in RTD temperature probe with terminal head Form J, with support tube and permanent protection tube	
										902030/21	Screw-in RTD temperature probe with terminal head Form J, with support tube and stepped protection tube	
										902030/31	Screw-in RTD temperature probe with terminal head Form J, with stepped thermowell for air measurement	
										902030/80	Screw-in RTD temp. probe w.terminal head Form J (rotatable by 360°),with spring-loaded connection,12mm spring deflection	
(2) Operating temperature in °C												
				X	X					378	-50..180°C	
X	X	X	X							386	-50..260°C	
X	X	X	X							402	-50 to 400 °C	
(3) Measuring insert												
X	X	X	X	X	X					1001	1x Pt100 in 3-wire circuit	
X	X	X	X	X	X					1003	1x Pt100 in 2-wire circuit	
X	X	X	X	X	X					1005	1x Pt1000 in 2-wire circuit	
X	X	X	X	X	X					1011	1x Pt100 in 4-wire circuit	
X	X	X	X	X	X					2003	2x Pt100 in 2-wire circuit	
(4) Tolerance class												
X	X	X	X	X	X					1	Class B	
X	X	X	X	X	X					2	Class A	
X	X	X	X	X	X					3	Class AA	
(5) Diameter prot. tube												
X	X	X	X	X						6,00	Ø 6,0mm	
X	X	X	X		X					8,00	Ø 8,0mm	
(6) Insertion length												
X		X	X		X					50,00	50 mm	
X	X	X	X	X	X					100,00	100 mm	
X	X	X	X	X	X					150,00	150 mm	
X	X	X	X	X	X					250,00	250 mm	
X	X	X	X	X	X					300,00	300 mm	
X	X	X	X	X	X					50,00 - 1000,00	50 - 1000 mm	
(7) Process connection												
X	X	X	X	X	X					102	Screw connection G 1/4	

X	X	X	X	X	X	103	Screw connection G 3/8
X	X	X	X	X	X	104	Screw connection G 1/2
		X	X			163	Union nut G 3/8
		X	X			164	Union nut G 1/2
		X	X			165	Union nut G 3/4
(8) Extra codes							
X	X	X	X	X	X	000	Without extra code
X	X	X	X	X	X	330	1x analog transmitter, output 4..20mA
X	X	X	X	X	X	366	Inspection certificate 3.1 Temperature/calibration certificate (Does not constitute proof of metrological traceability)
X	X	X	X	X	X	424	Connector M12 x 1
X	X	X	X	X	X	658	SIL- and PL-suitable with STB 70115X
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	X	665	SIL and PL-compliant (only in conjunction with DIN rail temperature transmitter dTRANS T07 SIL according to data sheet 707083, not in conjunction with extra codes 330, 331, 333, 334, 335, 337, 550, 551, 859, 866 and 867)
X	X	X	X	X	X	775	DKD calibration (as service, specify calibration points in plain text)
X	X	X	X	X	X	879	AMS2750/CQI-9
X	X	X	X	X	X	950	Railway application
X	X	X	X	X	X	1150	Accuracy for temperature probe according to AMS2750 (except Primary Standard)
X	X	X	X	X	X	1151	Accuracy for temperature probe according to CQI-9 (except Primary and Secondary Standard)
X	X	X	X	X	X	1152	Accuracy for temperature probe according to ISO20431 (except Primary and Secondary Standard)
X						1160	H2 ready - mobile hydrogen applications

Order code

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

Quantity discounts upon request

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


Stock versions

Order code	Part no.
902030/10-402-1003-1-6-50-104/000	00055692
902030/10-402-1003-1-6-100-104/000	00055693
902030/10-402-1003-1-6-150-104/000	00055694
902030/10-402-1003-1-6-250-104/000	00533433
902030/10-402-1003-1-6-300-104/000	00065691
902030/10-402-2003-1-6-50-104/000	00383011
902030/10-386-1003-1-6-100-104/330,(-50..260°C)	30061780
902030/10-386-1003-1-6-250-104/330,(-50..260°C)	30061811
902030/10-386-1003-1-8-400-104/330,(-50..260°C)	30061812
902030/20-402-1001-1-8-400-104/000	30061813
902030/21-402-1003-1-8-250-104/000	30061814

Accessories see price sheet:

- Screw-In Thermowells (909710)