

## Screw-In RTD Temperature Probe with Plug Connector According to DIN EN 175301 (902044)

- For temperatures from -50 to +260 °C
- Vibration-resistant construction
- The plug connection is locked to ensure contact, protection type IP65
- Available with transmitter
- DNV GL approval for basic types 902044/20 and 902044/21 (max. insertion length 200 mm)



### Order details

										<b>(1) Basic type</b>		
										902044/15	Screw-in RTD with socket Pg9 and stepped protection tube acc. to DIN EN 175301-803 (DIN 43650)	
										902044/16	Screw-in RTD with socket Pg11 and stepped protection tube acc. to DIN EN 175301-803 (DIN 43650)	
										902044/20	Screw-in RTD temperature probe with socket Pg9 acc. to DIN EN 175301-803 (DIN43650)	
										902044/21	Screw-in RTD temperature probe with socket Pg11 acc. to DIN EN 175301-803 (DIN43650)	
										902044/25	Screw-in RTD temperature probe with analog transmitter and socket Pg9 acc. to DIN EN 175301-803 (DIN 43650)	
										902044/26	Screw-in RTD temperature probe with analog transmitter and socket Pg11 acc. to DIN EN 175301-803 (DIN 43650)	
										902044/28	Screw-in RTD temperature probe with analog transmitter and socket Pg9 acc. to DIN EN 175301-803 (260°)	
										902044/29	Screw-in RTD temperature probe with analog transmitter and socket Pg11 acc. to DIN EN 175301-803 (260°)	
										902044/80	Screw-in RTD with socket Pg9 acc. to DIN EN 175301-803 (DIN 43650) and elastic screw connection	
										902044/81	Screw-in RTD with socket Pg11 acc. to DIN EN 175301-803 (DIN 43650) and elastic screw connection	
											<b>(2) Operating temperature in °C</b>	
											370	-50..150°C
X	X	X	X								380	-50 to 200 °C
											386	-50..260°C
											<b>(3) Measuring insert</b>	
X	X	X	X	X	X	X	X	X	X		1003	1x Pt100 in 2-wire circuit
X	X	X	X								1011	1x Pt100 in 4-wire circuit
											2003	2x Pt100 in 2-wire circuit
											<b>(4) Tolerance class</b>	
X	X	X	X	X	X	X	X	X	X		1	Class B
X	X	X	X	X	X	X	X	X	X		2	Class A
											3	Class AA
											<b>(5) Diameter prot. tube</b>	
X	X										6,00	6 mm
											8,00	8mm

											<b>(6) Insertion length</b>	
X	X	X	X	X	X	X	X	X	X	X	50,00	50,0
X	X	X	X	X	X	X	X	X	X	X	100,00	100,0
X	X	X	X	X	X	X	X	X	X	X	150,00	150,0
X	X	X	X	X	X	X	X	X	X	X	200,00	200,0
X	X	X	X	X	X	X	X	X	X	X	250,00	250,0
X	X	X	X	X	X	X	X	X	X	X	50,00 - 800,00	50,0...800,0
											<b>(7) Process connection</b>	
X	X	X	X	X	X	X	X				102	Screw connection G 1/4
X	X	X	X	X	X	X	X				103	Screw connection G 3/8
X	X	X	X	X	X	X	X	X	X		104	Screw connection G 1/2
X	X	X	X	X	X	X	X				126	Screw connection M18 x 1,5
X	X	X	X	X	X	X	X				128	Screw connection M20 x 1,5
X	X	X	X	X	X	X	X				144	Screw connection 1/2-14NPT
											<b>(8) Protection tube material</b>	
X	X	X	X	X	X	X	X	X	X		26	Stainless steel 316 Ti (material-no. 1.4571)
											<b>(9) Extra codes</b>	
X	X	X	X	X	X	X	X	X	X		000	Without extra code
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	659	SIL- and PL-suitable (only in connection with temperature transmitter T06, data sheet 707071)
X	X	X	X	X	X	X	X	X	X		880	With DNV approval
		X	X								1160	H2 ready - mobile hydrogen applications

**Order code**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
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**Quantity discounts upon request**

Version with machine connector M12 × 1, data sheet 902040 and 902815.


**Stock versions**

Order code	Part no.
902044/15-380-1003-1-6-100-104-26/000	00600899
902044/20-380-1003-1-8-50-104-26/000	00365259
902044/20-380-1003-1-8-100-104-26/000	00368414
902044/20-380-1003-1-8-150-104-26/000	00368416