

## JUMO HEATtemp – Screw-In RTD Temperature Probe for Heat Meters with Connecting Cable for Direct Mounting (Type DS/DL) (902428)

- For temperatures from 0 to 180 °C
- Type examination certificate for MID heat meters as replaceable temperature probes
- Fulfills the requirements of DIN EN 1434, AGFW FW 202, and FW 211
- Pairing and declaration of conformity according to MID
- Production certified according to module D (MID) (CE and metrology identification marking)



### Order details

<b>(1) Basic type</b>						
					902428/20 Screw-in RTD temperature probe, direct mounting (DS), loose screw connection, stepped protection tube, Tmax = 180 °C	
					902428/30 Screw-in RTD temperature probe, direct mounting (DL), fixed screw connection, plain protection tube	
					902428/40 Screw-in RTD temperature probe, direct mounting (DL), with flange and loose screw connection, plain protection tube	
					902428/50 Screw-in RTD temperature probe, direct mounting (DS), loose screw connection, plain protection tube, Tmax = 150 °C	
					902428/70 Screw-in RTD temperature probe, direct mounting (DS), loose screw connection, stepped protection tube, Tmax = 150 °C	
<b>(2) Operating temperature in °C</b>						
X	X	X	X	X	815 0 to 105 °C / PVC 105, PUR (only for 2-wire circuit)	
X	X	X	X	X	824 0 to 150 °C / silicone	
X	X	X			830 0 to 180 °C / silicone	
<b>(3) Measuring insert</b>						
X	X	X	X	X	1003 1x Pt100 in 2-wire circuit	
X	X	X	X	X	1004 1x Pt500 in 2-wire circuit	
X	X	X	X	X	1005 1x Pt1000 in 2-wire circuit	
X	X	X	X	X	1011 1x Pt100 in 4-wire circuit	
X	X	X	X	X	1012 1x Pt500 in 4-wire circuit	
X	X	X	X	X	1013 1x Pt1000 in 4-wire circuit	
<b>(4) Tolerance class</b>						
X	X	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		5,00 5 mm	
			X		5,20 5.2 mm	
X			X		5,40 5.4 mm, for basic model 902428/20 stepped to diameter 3.3 mm and for basic model 902428/70 stepped to diameter 3.6 mm	
	X	X			6,00 6 mm	
	X	X			8,00 diameter 8 mm stepped to diameter 6 mm	
<b>(6) Fitting length in mm</b>						
			X		26,00 26 mm	
X			X		27,50 27.5 mm	
X			X		38,00 38 mm	
			X		60,00 60 mm	
	X	X			85,00 85 mm	
	X	X			91,00 91 mm	
	X	X			120,00 120 mm	

		X				146,00	146 mm
	X					210,00	210 mm (only for stepped version, diameter 8 mm and 6 mm)
X			X			25,00 - 60,00	Indication in plain text
	X	X				60,00 - 210,00	Indication in plain text (only for version DL)
						<b>(7) Process connection</b>	
	X	X				102	Screw connection G 1/4
	X					104	Screw connection G 1/2
X			X	X		114	Screw connection M10 x 1
						<b>(8) Connecting cable end</b>	
X	X	X	X	X		04	Tin-plated cable ends (only for probes with fixed mounting to the electronic unit)
X	X	X	X	X		11	Ferrules according to DIN 46228 part 4 (standard)
						<b>(9) Connecting line length in mm</b>	
X	X	X	X	X		1500	1500 mm
X	X	X	X	X		2500	2500 mm (standard)
X	X	X	X	X		500 - 30000	Indication in plain text (steps of 500 mm)
						<b>(10) Extra codes</b>	
X			X	X		000	Without extra code
X	X	X	X	X		317	Shielded connecting cable
X			X	X		318	Coiled cable
X	X	X	X	X		340	Version paired according to EN 1434 up to 150°C
X	X	X	X	X		761	Version paired with CE- and metrology labeling (first calibration) <sup>2</sup>

**Order code**

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

**Quantity discounts upon request**

<sup>1</sup> Price for pairing depends on number of units; minimum quantity for paired temperature probes to be cost effective: 30 pairs

<sup>2</sup> List extra codes in sequence and separate using commas.



Accessories see price sheet:

- Thermowell for Heat Meter Temperature Probes (902440)
- Installation Location and Accessories for Temperature Probes (902442)