

JUMO HEATtemp – Screw-In RTD Temperature Probe for Combined Cold and Heat Meters for Direct Mounting (Type DS/DL) (902455)

- For temperatures from 0 to 120 °C (cold) and 0 to 180 °C (heat)
- Type examination certificate for MID heat meters and domestic approval for cold 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 German Weights and Measures Act as well as MID
- Production certified according to module D (MID) (CE and metrology identification marking)



Order details

(1) Basic type	
902455/20	Screw-in RTD temperature probe for direct mounting (DS) with loose screw connection and stepped protection tube
902455/30	Screw-in RTD temperature probe for direct mounting (DL) with fixed fitting and plain protection tube
902455/40	Screw-in RTD temperature probe for direct mounting (DL) with flange, loose screw connection and plain protection tube
902455/50	Screw-in RTD temperature probe for direct mounting (DS) with loose screw connection and plain protection tube
902455/70	Screw-in RTD temperature probe for direct mounting (DS) with loose screw connection and stepped protection tube
(2) Operating temperature in °C	
815	0..105°C (only in 2-wire circuit)
824	0..150°C / silicone
(3) Measuring insert	
1003	1x Pt100 in 2-wire circuit
1004	1x Pt500 in 2-wire circuit
1005	1x Pt1000 in 2-wire circuit
1011	1x Pt100 in 4-wire circuit
1012	1x Pt500 in 4-wire circuit
1013	1x Pt1000 in 4-wire circuit
(4) Tolerance class	
1	Class B
2	Class A
3	Class AA
(5) Diameter prof. tube	
5,00	5 mm
5,20	5.2 mm
5,40	5.4 mm to 3.3 mm stepped version (basic model 0902455/20), to 3.6 mm stepped version (basic model 902455/70)
6,00	6 mm
8,00	8 mm to 6 mm stepped version
(6) Fitting length in mm	
26,00	26 mm
27,50	27.5 mm
38,00	38 mm
60,00	60 mm
85,00	85 mm
91,00	91 mm
120,00	120 mm
146,00	146 mm
210,00	210 mm (only for 8 mm to 6 mm stepped version)
25,00 - 60,00	Indication in plain text (only basic type 902455/50 and 902455/20)
60,00 - 210,00	Indication in plain text (only basic type 902455/30 and 902455/40)
(7) Process connection	
102	Screw connection G 1/4
104	Screw connection G 1/2
114	Screw connection M10 x 1
999	According to customer specifications
(8) Connecting cable end	
04	Tin-plated cable ends (only for firmly connected temperature probes to the arithmetic unit)

11	Ferrules according to DIN 46228 part 4 (standard)
(9) Connecting line length in mm	
1500	1,500 mm
2500	2,500 mm (standard)
500 - 30000	Indication in plain text (steps of 500 mm)
(10) Extra codes	
000	Without extra code
317	Shielded connecting cable
340	Version paired according to EN 1434 up to 150°C
341	Version paired according to EN 1434 and certified ^{1 2}
670	BEV-approval cold
761	Version paired with CE- and metrology labeling (first calibration) ²

Order code

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

Quantity discount upon request

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

² List extra codes in sequence, separated by commas.



Accessories see price sheet:

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