

JUMO dicoTEMP 100 – Smart Tube for Temperature Measurement

- Diverse temperature measurement for increased process reliability
- Combination of a platinum chip temperature sensor with a thermostat or dial thermometer in a fitting
- Reduced planning and installation work because only one measuring point is required
- Maximum flexibility for data usage – various output signals such as resistance, analog, or digital are available
- Flexible operation through the use of different combination devices and probe diameters
- Functional extension of existing plants



Order details

(1) Basic type	
608740	JUMO dicoTEMP 100
(2) Basic type extension	
10	Thermowell
(3) mounting on device side	
100	Capillary version
200	Transformer version
300	Threaded fitting version
(4) Measuring insert	
1011	1x Pt100 in 4-wire circuit
1013	1x Pt1000 in 4-wire circuit
(5) Tolerance class	
1	Class B
2	Class A
3	Class AA
(6) Process connection	
080	Smooth pipe
104	Screw connection G 1/2
830	Screw connection TA24 G 1/2
831	Screw connection TA24 G 1
(7) outer diameter thermowell	
11	11 mm (6 mm probe)
13	13 mm (8 mm probe)
15	15 mm (10 mm probe)
(8) Material	
20	CrNi (stainless steel)
(9) Insertion length	
65,00	65 mm
100,00	100 mm
120,00	120 mm
150,00	150 mm
200,00	200 mm
250,00	250 mm
300,00	300 mm
350,00	350 mm
(10) Extra codes	
000	Without extra code
374	Inspection certificate 3.1 DIN EN 10204 material
775	DKD calibration (as service, specify calibration points in plain text)

Order code

(1) (2) (3) (4) (5) (6) (7) (8) (9) (10)
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All stock versions are available in individual quantities.

All other versions according to data sheet 608740 are available with a minimum order quantity of 20 pieces. Smaller purchase quantities are possible upon request.

Stock versions

Order code	mounting on device side	Measuring insert	Process connection	outer diameter thermowell	Insertion length	Part no.
608740/10-100-1013-1-080-11-20-150/000	Capillary version	1x Pt1000 in 4-wire circuit	Smooth pipe	11 mm (6 mm probe)	150 mm	60003446
608740/10-300-1011-1-080-13-20-150/000	Threaded fitting version	1x Pt100 in 4-wire circuit	Smooth pipe	13 mm (8 mm probe)	150 mm	60003449
608740/10-200-1011-1-830-13-20-150/000	Transformer version	1x Pt100 in 4-wire circuit	Screw connection TA24 G 1/2	13 mm (8 mm probe)	150 mm	60003452
608740/10-200-1011-1-831-13-20-150/000	Transformer version	1x Pt100 in 4-wire circuit	Screw connection TA24 G 1	13 mm (8 mm probe)	150 mm	60003453

Accessories

Description	Part no.
Rohrversch. G 1/2 D 11mm VA Verschraubung Klemmverschraubung	00402801
tube fitting G 1/2A D 13mm VA Verschraubung Schneidringverschraubung Keilringverschraubung	00717258
Compression Fitting 15mm G 1/2 SS Verschraubung Schneidringverschraubung Keilringverschraubung	00048311
Tube fitting G 1/2A D 11mm VA Verschraubung Schneidringverschraubung Keilringverschraubung	00717265
tube fitting G 1A D 13mm VA Verschraubung Schneidringverschraubung Keilringverschraubung	00717266
Tube fitting G 1A D 15mm VA Verschraubung Schneidringverschraubung Keilringverschraubung	00717269
JUMO M12-Connecting cabel 5-pol 0,5 m (P)	00638312
JUMO M12-Connecting cabel 5-pol 1,5 m (P)	00638313
Line socket 4-pole, M12×1, straight, 2 m	00404585
Flange lØ 11,4 height 14mm	00038513
707090/8-1011/000	00725428
707090/8-1013/000	00725430
707091/8-1011/000	00725432
707091/8-1013/000	00725433