

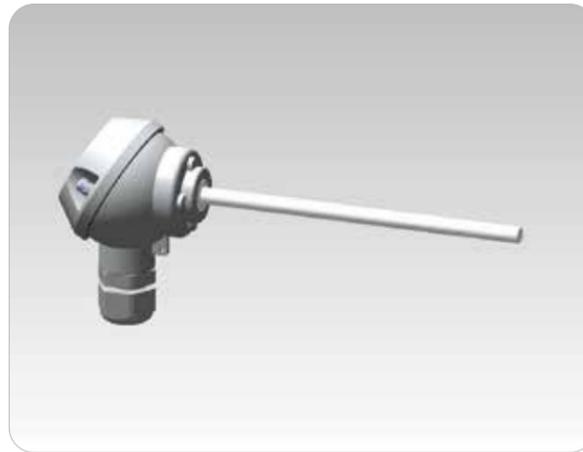
Form J Push-in RTD temperature probes (TM1401)

► Applications :

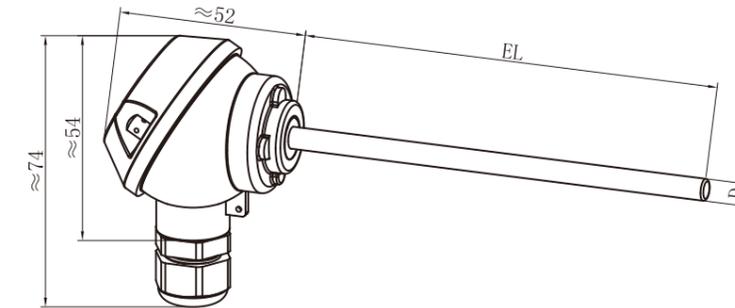
HVAC, Refrigeration equipments, Experimental facilities,
Mechanical equipments, Ovens, Water tanks.

► Technical data :

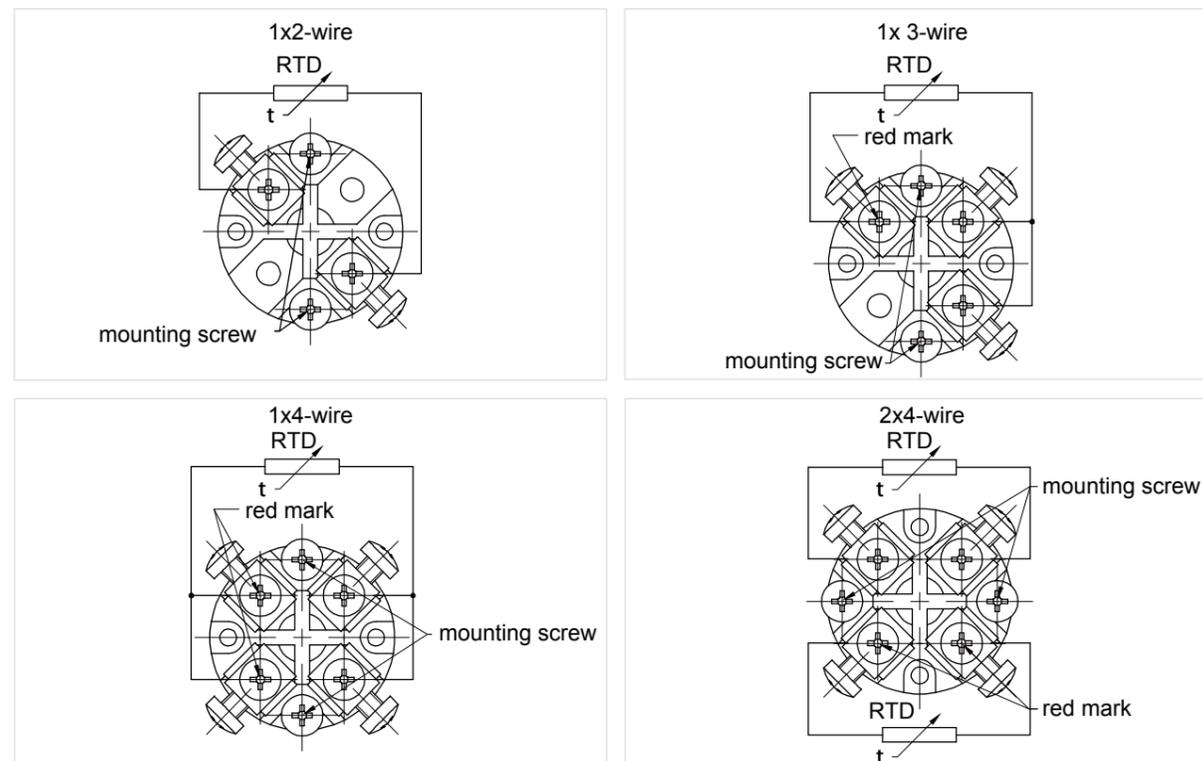
Protection tube: Stainless steel 304/316
 Sensor element: Pt100, Pt500, Pt1000 according IEC 751
 Tolerance: Class B: $\Delta t = \pm(0.30 + 0.005 |t|)$ °C (standard)
 Class A: $\Delta t = \pm(0.15 + 0.002 |t|)$ °C
 Protection Class: IP54 or IP65
 Response time: $t_{0.9}$ approx. 14secs, in water 0.2 m/sec, diameter 6mm



► Dimensions :



► Wiring diagram :



► Order Details :

TM1401 — (1) — (2) — 000 — (4) — (5) — (6) / (7)

(1) Protection tube diameter D

4	4mm
5	5mm
6	6mm
8	8mm
9	9mm
11	11mm

(2) Insertion length EL

50	50mm
100	100mm
150	150mm
1000	1000mm

Note: other lengths as per customers' requirements.

(4) Sensor element

11	1 x Pt100 in 2-wire circuit
12	2 x Pt100 in 4-wire circuit
13	1 x Pt100 in 3-wire circuit
14	1 x Pt100 in 4-wire circuit
51	1 x Pt500 in 2-wire circuit
61	1 x Pt1000 in 2-wire circuit
62	2 x Pt1000 in 4-wire circuit

(5) Measuring range

20 -50 °C ~ + 400 °C

(6) Cable length L (L ≥ 100mm)

100	100mm
200	200mm
2000	2000mm

Note: other lengths as per customers' requirements.
(100mm ≤ L < 1000mm, L₁ = 50mm, L ≥ 1000mm, L₁ = 100mm)

(7) Additional options

00	No
01	Strain relief spring/strain relief spring hose
02	Shielded connecting cable
07	Ferrules as per DIN 46 228 part 4 (standard)
08	Multipole connector (providing types)
99	Special options

List the additional options in sequence, separated by commas.