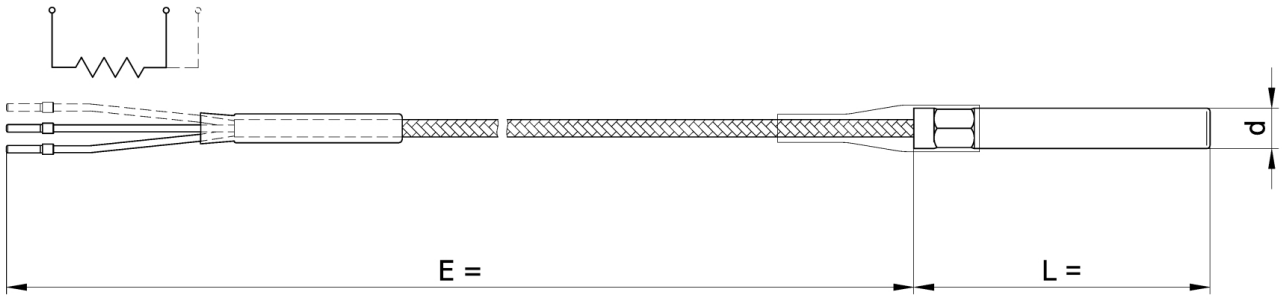
FTRTTS

Rev. 0 - 10/06/2022

RTD IN TUBE WITH ARMOURED FIBREGLASS CABLE

RTD in tube with conventional insulated armoured fibreglass cable

- Price-efficient implementation
- T° MAX 350°C



ITALCOPPIE SENSORI srl
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WE SENSE TEMPERATURE

TECHNICAL SPECIFICATION

Sensing element	Pt100 Ω @ 0°C Pt1000 Ω @ 0°C
Sensing Element configuration	single 2-wire single 3-wire
Accuracy class in accordance to IEC751 (*) (*) Pt 100 cl.A only available with 3 or 4 wires, cl.AA 4 wires only; Pt 1000 cl. A available with 2 wires only for cable lengths below 1 m, for longer cables only available with 3 or 4 wires, cl. AA 3 wires for cable lengths below 1 m, for longer cables only 4 wires.	cl. A cl. B
Sensing part maximum working temperature	350°C
Insulation resistance	100 M Ω@ 100 Vdc.
Sheath outside diameter d	Ø 4 mm Ø 5 mm Ø 6 mm
Sheath length L	30 mm 40 mm 50 mm 75 mm 100 mm 125 mm 150 mm
Sheet material	INOX
Cable type	insulated in fibreglass + sheath
Cable conductors	copper nickel plated
Number of cable conductors	3
Conductor dimension	AWG 24
Conductor feature	strand (7 wire)
Primary insulation	fiberglass
Secondary insulation	FIBREGLASS
External sheath	tinned copper braid
Cable size or external shape	about Ø 3 mm
Maximum working temperature	350°C (200°C structural limit of sheath)
Process connection	
Cable extension E	500 mm 1 m 2 m 3 m 4 m 5 m 8 m 10 m
Dimensional notes	Lengths other than those listed can be produced for minimum quantities to be agreed (after our feasibility study) Extensions other than those listed can be produced for minimum quantities to be agreed (after our feasibility study)
Fixing system	bare stem
Variant (TRE-TCE)	null and anti-bending spring

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