Diel srl
Via A. Pizzocaro, 9
36075 Montecchio Maggiore (Vi) - Italy
Tel. +39 0444 440977 - Fax +39 0444 448728
mail: info@diel-ed.it - web: www.diel-ed.it

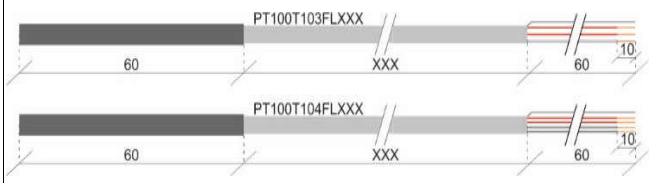
TECHNICAL DATASHEET

PT100T103FLXXX - PT100T104FLXXX

PT100 RTD SENSOR ACCORDING TO DIN 43760

PICTURE

TECHNICAL DRAWING



SENSOR

Sensor	PT100 100Ω 0° C, alpha coefficient 3850 ppm/k
Sensor additional features	
Precision	Class B – EN60751 – DIN43760
Nr of elements	1 sensor
Isolation	Mylar glass fiber

TERMINAL

Terminal	INOX AISI 316
Terminal diameter and lenght	Cylinder in stainless steel diameter 6,0 x 60 mm

CABLE

Cable type	Silicon isolation wire, colour grey
Conductors (3 wires)	CuSn 3x0,22 isolation silicone rubber, colours red-red-white, wire diam.5,0
Conductors (4 wires)	CuSn 4x0,22 isolation silicone rubber, colours red-red-white-white, wire diam. 5,4
Shield	Aluminium tape and security wire

PROBE

Probe lenght (XXX part of code)	XXX = lenght in decimeters
Finishing	Unseathing mm 60, Stripping mm 10
Temperature range	-60°C ÷ +200°C

TESTS

Insulating test between capsule and copper wire 2,5 KV AC for 60"
Dimensional and visual control 100%
Impedance at room temperature 100%
Functional control 100%

NOTES

DATE	REL
2018	1

The supplied data are indicatives and not bidding for us if not confirmed by written