

TECHNICAL DATASHEET

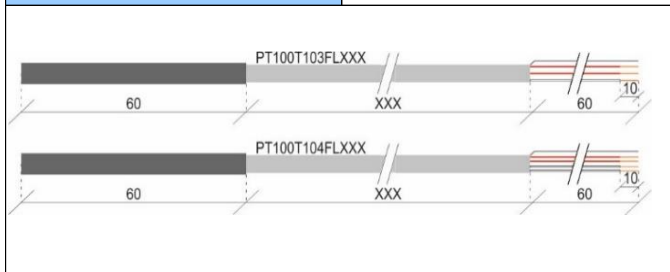
PT100T103FLXXX - PT100T104FLXXX

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, cable diam.5,0 mm
Conductors (4 wires)	CuSn 4x0,22 isolation silicone rubber, colours red-red-white-white, cable diam. 5,4 mm
Shield	Aluminium bonded polyester tape and drain 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