

TECHNICAL DATASHEET

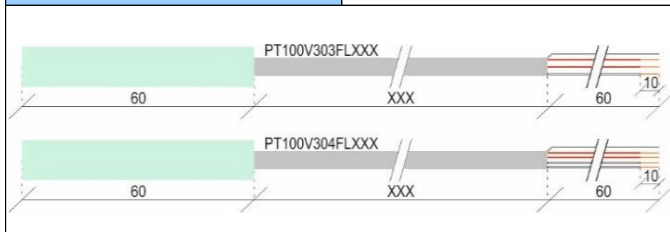
PT100V303FLXXX - PT100V304FLXXX

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

Material	Flat FR5 fiber glass
Dimensions cap	11 x 4 x 60 mm

CABLE

Cable type	PTFE isolation wire diam.3, colour white
Conductors	CuSn 3x0,22 isolation PTFE, colours red-red-white
Shield	Aluminium bonded polyester tape and drain wire. Polyester film between conductors 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 ÷ +180°C

TESTS

Dimensional and visual control	100%
Functional control	100%
Impedance at room temperature	100%
Insulating test between external enclosure and wires+copper drain in short circuit:	5 KV 60" in salt water. Type test
Insulating test between wires in short circuit and copper drain:	2,5 KV 60" - 100%

NOTES