

Pixsys[®]
ELECTRONICS

CODE:

PTS-1B-6X□□-A03

DESCRIPTION:

Temperature Sensor PT100 Class B, AISI 304 sheath,
Ø 6 mm, TTS Fiberglass cable

□□ = SHEATH LENGTH (L):

050 = 50 mm
100 = 100 mm
150 = 150 mm
200 = 200 mm

SHEATH EXT. Ø:

6 mm

SHEATH INT. Ø:

5 mm

RTD RESPONSE:

6,5 sec

OPERATING TEMPERATURE:

-100°C / +250°C

IMMERSED MATERIAL:

Steel AISI 304

FITTING MATERIAL:

N.A.

SENSOR INSULATION:

MgO Magnesium Oxide >20Mohm @ 25°C (500VDC)

TIP TAPERING:

NO

CERTIFICATION:

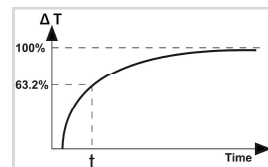
NO

COMPLIANCE



STANDARD DIN EN 60751

Temperature C°	Tolerance PT100 B Class (+/- C°)
-200	1.3
-100	0.8
0	0.3
100	0.8
200	1.3
300	1.8
400	2.3
500	2.8



RTD response time with steel tube AISI-316/304 MgO insulated, conforming to B.S. 1904/1984/CEI60751. 50mm immersion in water at a speed of 1m/sec. Calculated on 63.2 % of the thermal jump, depending on stem diameter and thickness.

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