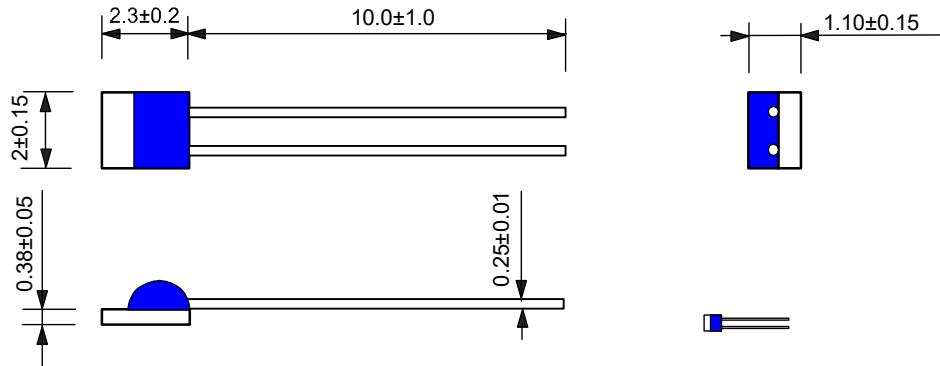


Type:
PT1000B00-FC1-N00

Version: A00
Date: 20.01.2021

DATASHEET PT- SENSOR

Dimensions (mm)
Proprtion 5:1



Technical Data:

Characteristic	DIN EN 60751
Nominal Resistance at 0°C	1000.00 Ohm
Resistance Tolerance at 0°C	± 1.20 Ohm (class B)
Temperature Coefficient of Resistance (0°C, 100°C)	3850 ppm/°C
Maximum Deviation of Nominal Characteristic	± 0.3°C + 0.005 x ϑ (°C)
Temperature Range B	-50°C....+600°C
Operating Temperature (note below)	-200°C....+600°C
Selfheating Coefficient (in air 1m/sec)	0.5°C/mW
Response Time $t_{0.9}$ (in water 0.4 m/sec)	0.20s
Response Time $t_{0.9}$ (in air 1m/sec)	10s
Measuring Current (recommended)	≤0.6mA
Diameter Sensor	≤ 2,45 mm
Leadwire	Ni Ø 0.25 mm
Pull Stregth	≥ 8N

Please note: operating temperature from -200°C....+600°C possible , but with a single clear exceeding the temperature of the specified tolerance class, the specified tolerance class can no longer be guaranteed

RoHS KONFORM



Approved (v2)