



TS-1XX // TEMPERATURE SENSOR

- Accurate and Precise Measuring
- Long Operating Life
- Easy Assembling
- Extendable Sensor on Demand *

TS-111
TS-112



TS-121
TS-131

* In our TS-111 and TS-112 Temperature sensors, Sensor cable length can be changed (0-10m) according to demand. Metal probe length can be selected as 50mm or 100mm.

TECHNICAL SPECIFICATIONS

Product Informations	
Product Name	TS-1XX Temperature Sensor
Sensor Type	NTC 10 K / NTC 30 K / PT-100 / PT-1000

Product Code	Sensor Type
TS 111	NTC 10 K
TS 112	NTC 30 K
TS 121	PT-100
TS 131	PT-1000

Sensor Type	Measuring Range	Beta Value	Sensitivity	Accuracy
NTC 10 K	(-40) - (+60)°C	B25/85 - 3435K	± 0,1 °C	± 0,5 %
NTC 30 K	(-40) - (+60)°C	B0/50 - 3892K	± 0,1 °C	± 0,5 %

Sensor Type	Measuring Range	Cable Cross Section + Length	Sensitivity	Accuracy
PT-100	(-50) - (+150)°C	5x50 + 1 m	± 0,1 °C	± 0,5 %
PT-1000	(-50) - (+150)°C	5x50 + 1 m	± 0,1 °C	± 0,1 %