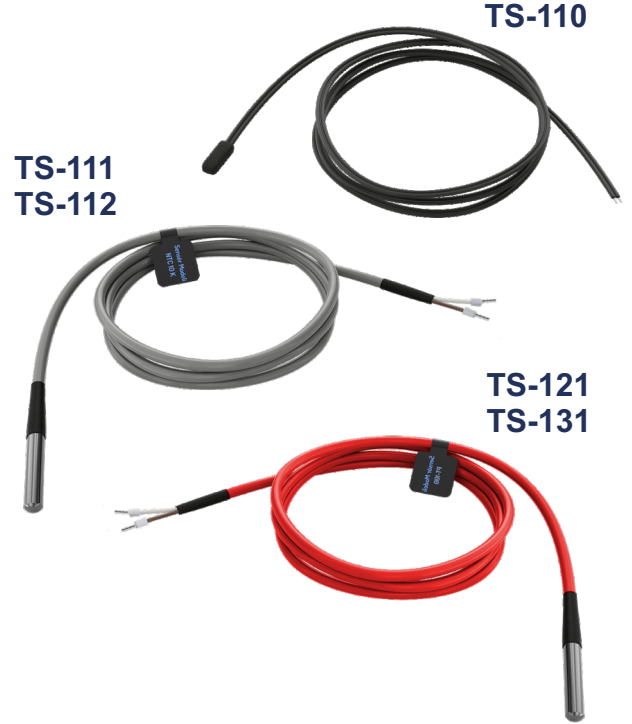




## TS-1XX // TEMPERATURE SENSOR

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

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



## TECHNICAL SPECIFICATIONS

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

| Product Code | Sensor Type             |
|--------------|-------------------------|
| TS-110       | NTC-10K (Plastic Probe) |
| TS-111       | NTC-10K                 |
| TS-112       | NTC-10K                 |
| TS-121       | PT-100                  |
| TS-131       | PT-1000                 |

| Sensor Type | Measuring Range | Beta Value     | Sensitivity | Accuracy |
|-------------|-----------------|----------------|-------------|----------|
| NTC-10K     | -40...+80 °C    | B25/85 - 3435K | ± 0,1 °C    | ± 0,5 °C |
| NTC-30K     | -40...+80 °C    | B0/50 - 3892K  | ± 0,1 °C    | ± 0,5 °C |

| Sensor Type | Measuring Range | Cable Cross Section + Length | Sensitivity | Accuracy |
|-------------|-----------------|------------------------------|-------------|----------|
| PT-100      | -50...+200 °C   | 5x50 + 1 m                   | ± 0,1 °C    | ± 0,5 °C |
| PT-1000     | -50...+200 °C   | 5x50 + 1 m                   | ± 0,1 °C    | ± 0,1 °C |

