

Button Temperature Sensor & Anti-ligature Plate Temperature Sensor



The button and plate sensors from Titan Products are designed to monitor internal room temperature conditions and are available in white plastic, black plastic (button only) and brushed stainless steel.

The button sensors can be supplied fitted to a plate or with a 300mm flying lead while the plate sensor is supplied with the temperature sensor mounted behind the plate for anti-ligature applications.

Both the button and plate sensors are available with a wide range of temperature measurement elements to match all major BMS systems.

Specification

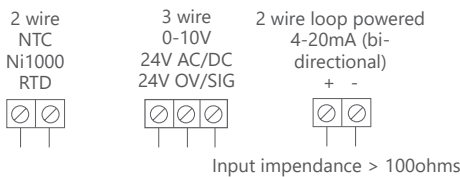
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|--------------------|---|
| Material: | Plastic or stainless steel |
| Sensing Elements: | See below |
| Accuracy: | ±0.2°C @ 70°C thermistor ±0.3°C RTD elements |
| Operating Temp: | -10 to + 70°C |
| Terminals: | 1.0mm recommended 2.5mm max |
| Location: | Positioned to measure the controlled condition |
| Dimensions (mm): | Plate - 85H x 85W Sensor - 9H x 9W x 3D Thread 10.5 |
| Protection: | IP20 |
| Country of Origin: | UK |
| Product Codes: | See below |

Product Codes

| Material | State Element Type | | |
|-----------------|--------------------------------|----------------------------------|----------------------------------|
| | Button Product Code (no plate) | Button Product Code (with plate) | Anti-ligature Plate Product Code |
| White Plastic | TPWBS | TPWBS/P | N/A |
| Stainless Steel | TPSSBS | TPSSBS/P | TPSSPS |
| Black Plastic | TPBS | N/A | N/A |

| Element Type | System Compatibility | Accuracy |
|--------------|--|----------|
| 10K3A1 | Trend / Jel / Honeywell / Aquatrol 2000 / Ambiflex / Next / Smart / York | ±0.2°C |
| 10K4A1 | Andover / Automatrix / York / Siebe | ±0.2°C |
| 20K6A1 | Honeywell | ±0.2°C |
| Ni1000 | Landis & Gyr | ±0.3°C |
| PT1000 | PT1000 | ±0.3°C |
| 4-20mA | 2 Wire Loop Powered | ±0.5°C |
| 0-10V | 3 Wire 24V Supply | ±0.5°C |

Wiring



Anti-ligature plate



Button with plate



Button Sensor

