

## FLYING LEAD TEMPERATURE SENSOR TEKY6 PT 1000

TEKY6 PT 1000 temperature sensor is designed for automatic HVAC systems.

Temperature is detected by a Pt1000 sensor element with a nominal resistance of 1000  $\Omega$  at 0 °C.

The sensor element is inserted in a stainless steel sleeve. The rolled sleeve provides good protection against water and dust (IP 67).

Silicone cable version TEKY6S is available for more demanding conditions.



### Technical data

|                  |        |                                 |
|------------------|--------|---------------------------------|
| Sensor           |        | Pt1000 EN60751/B                |
| Sleeve           |        | Ø 6 mm x 45 mm, stainless steel |
| Cable            | TEKY6  | Ø 5 mm x 2.3 m, PVC             |
|                  | TEKY6S | Ø 5 mm x 2.3 m, silicone        |
| Range            | TEKY6  | -30...+80 °C                    |
|                  | TEKY6S | -50...+150 °C                   |
| Accuracy         |        | ±0.3 °C at 0 °C                 |
| Protection class |        | IP 67                           |

### Temperature / resistance

| °C  | $\Omega$ | °C  | $\Omega$ |
|-----|----------|-----|----------|
| 120 | 1460.6   | 25  | 1097.3   |
| 100 | 1385.0   | 20  | 1077.9   |
| 90  | 1347.0   | 15  | 1058.5   |
| 80  | 1308.9   | 10  | 1039.0   |
| 75  | 1289.8   | 5   | 1019.5   |
| 70  | 1270.7   | 0   | 1000.0   |
| 65  | 1251.6   | -5  | 980.4    |
| 60  | 1232.4   | -10 | 960.9    |
| 55  | 1213.2   | -15 | 941.2    |
| 50  | 1194.0   | -20 | 921.6    |
| 45  | 1174.7   | -25 | 901.9    |
| 40  | 1155.4   | -30 | 882.2    |
| 35  | 1136.1   | -40 | 842.7    |
| 30  | 1116.7   | -50 | 803.1    |

### Ordering guide:

| Model          | Product number | Description  |
|----------------|----------------|--|
| TEKY6 PT 1000  | 1174320        | IP 67 flying lead sensor, Pt1000 element                 |
| TEKY6S PT 1000 | 1174340        | IP 67 flying lead sensor, Pt1000 element, silicone cable |

Products fulfil the requirements of directive 2004/108/EY and are in accordance with the standards EN61000-6-3: 2001 (Emission) and EN61000-6-2: 2001 (Immunity).