

Outdoor Temperature Sensor LX-TE-O

The outdoor temperature sensor LX-TE-O is designed specifically for outside air temperature measurement. The LX-TE-O comes in a robust, weather-proof plastic housing. The screw cover and the terminal blocks tilted to 45° support easy installation. The sensor is mounted on the wall with screws through the lugs on the bottom.

- Accurate Pt1000 type resistance temperature detector
- Robust weather-proof enclosure
- Easy to install

Details

Temperature/Resistance :

| °C | Pt 1000 / Ω | °C | Pt 1000 / Ω |
|-----|-------------|-----|-------------|
| 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 | | |



Order Code

LX-TE-O

Technical Data

| | |
|------------------------------|---|
| Sensor Type: | Pt1000 type resistance temperature detector |
| Output Signal (Temperature): | Pt1000 resistance |
| Sensor Accuracy: | ±0,3 °C (at 0 °C) |
| Housing: | Weather-proof plastic |
| IP Class: | IP 54, cable entry down |
| Cable Entry: | M16 |
| Operating Temperature: | -50 to 50 °C |
| Mounting: | Ø 4,5mm screws, hole distance 82 mm |
| EMC: | EN 60751/B |
| Manufacturing Process: | ISO9001 |