

Temperature Sensor for Duct LX-TE-D200

The temperature sensor for duct LX-TE-D200 is designed for single point monitoring of air temperature inside ducts. The rigid stainless steel probe and the enduring ABS casing make the sensor suitable for most HVAC applications. The standard length of the probe is 200mm.

- Accurate Pt1000 type resistance temperature detector
- The single point sensor is encapsulated in a 6.35 mm OD 304 stainless steel probe. All probes are constructed to provide good heat transfer and fast response.
- Optional probe lengths

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 Codes

LX-TE-D200 (default)
LX-TE-D100
LX-TE-D300
LX-TE-D450

Technical Data

Sensor Type:	Pt1000 type resistance temperature detector
Output Signal (Temperature):	Pt1000 resistance
Sensor Accuracy:	±0.2 °C
Standard Probe Length:	200 mm, 100 mm, 300 mm, 450 mm
Operating Temperature:	-20 to 105 °C
Cable Type (Bracket only):	PVC insulated, parallel bonded (100 Ω, IC Sensors – FT-4)
Wiring Connections:	Pig Tail (2 wire)
Enclosures:	ABS, IP65
Manufacturing Process:	ISO9001