

Duct Average Temperature Sensor LX-TE-DA

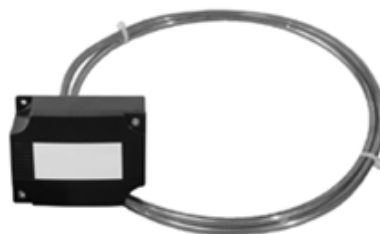
The duct average temperature sensor LX-TE-DA is designed for temperature measurements in large ducts. The copper tube incorporates numerous PT1000 resistance temperature detectors at equal distances and acts as a single sensor averaging any temperature change across the temperature detectors.

- Accurate Pt1000 type resistance temperature detectors inside a copper tube
- Copper tubes constructed to provide good heat transfer and fast response
- Available in different tube 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-DA-1800
LX-TE-DA-3600
LX-TE-DA-6100
LX-TE-DA-7300

Technical Data

Sensor Type:	Pt1000 type resistance temperature detector
Output Signal (Temperature):	Pt1000 resistance
Sensor Accuracy:	±0.2 °C
Operating Temperature:	-20 to 105 °C
Copper Tube Length:	1800 mm, 3600 mm, 6100 mm, 7300 mm
Wiring Connections:	Pig Tail (2 wire)
Enclosures:	ABS, IP65
Manufacturing Process:	ISO9001