

Immersion Sensor LX-TE-W100 with Thermowell LX-TW100

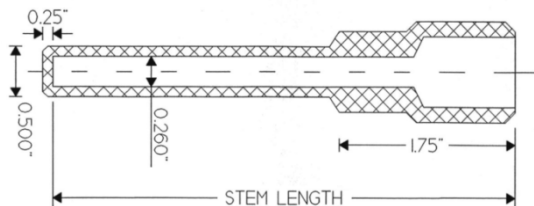
The immersion sensor LX-TE-W100 is designed to measure the temperature inside pipes carrying liquid or steam. It is to be used with a LX-TW100 stainless steel thermowell. The rigid stainless steel probe and the enduring ABS casing make the sensor suitable for most HVAC applications. The sensor is encapsulated in a 6.35 mm OD 304 stainless steel probe. The probe is constructed to provide good heat transfer and fast response.

- Accurate Pt1000 type resistance temperature detector
- Easily fitted to a LX-TW thermowell with ½" threads
- 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-W100 (default)	LX-TW100 (default)
LX-TE-W150	LX-TW150
LX-TE-W200	LX-TW200

Technical Data

Sensor Type:	Pt1000 type resistance temperature detector
Output Signal (Temperature):	Pt1000 resistance
Sensor Accuracy:	±0.2 °C
Standard Probe Length:	100 mm, 150 mm, 200 mm
Operating Temperature:	-40 to 105 °C
Cable Type:	PVC insulated, parallel bonded
Wiring Connections:	2-wire, resistance
Enclosure:	ABS, IP65
Manufacturing Process:	ISO9001