pd PRODUAL

measure-be sure.

OUTDOOR TEMPERATURE SENSOR TEU PT 100

TEU PT 100 temperature sensor is made for automatic HVAC systems to detect outdoor temperature.

Temperature is detected by a Pt100 element.

Housing is made of weather-proof plastic.

The screw cover and the terminal blocks tilted to 45° make an easy installation.

Sensor is mounted on the wall by means of screws through the lugs on the bottom.

Technical data:

Sensor	Pt100 EN 60751/B
Housing	weather-proof plastic
Protection class	IP 54, cable entry down
Cable entry	M16
Range	-50...50 °C
Accuracy	± 0,3 °C (at 0 °C)
Mounting	Ø 4,5mm screws hole distance 82 mm

Temperature / resistance -table:

°C	Pt 100 / Ω	°C	Pt 100 / Ω
120	146.06	25	109.73
100	138.50	20	107.79
90	134.70	15	105.85
80	130.89	10	103.90
75	128.98	5	101.95
70	127.07	0	100.0
65	125.16	-5	98.04
60	123.24	-10	96.09
55	121.32	-15	94.12
50	119.40	-20	92.16
45	117.47	-25	90.19
40	115.54	-30	88.22
35	113.61	-40	84.27
30	111.67	-50	80.31

Ordering guide:

Model	Product number	Description
TEU PT 100	1173090	outdoor sensor 100 ohm / 25°C