

OUTDOOR TEMPERATURE SENSOR TEU NTC 20

TEU NTC 20 temperature sensor is designed for automatic HVAC systems to detect outdoor temperature.

Temperature is detected by an NTC thermistor with a nominal resistance of 20 k Ω /25 °C.

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	20 k Ω NTC thermistor
Housing	plastic (< 120 °C)
Prot. class	IP 54, cable entry down
Cable entry	M16
Range	-50...50 °C
Accuracy	\pm 0.2 °C (at 25 °C)
Mounting	\varnothing 4.5mm screws hole distance 82 mm

Temperature/Resistance:

°C	NTC 20 / Ω	°C	NTC 20 / Ω
120	609	25	20000
100	1114	20	25350
90	1541	15	32346
80	2166	10	41567
75	2585	5	53812
70	3099	0	70203
65	3732	-5	92322
60	4517	-10	122431
55	5494	-15	163777
50	6718	-20	221088
45	8259	-25	301297
40	10211	-30	414698
35	12698	-40	810861
30	15887	-50	1659082

Ordering guide:

Model	Product number	Description
TEU NTC 20	1176090	outdoor temperature sensor, 20 kohm / 25 °C

Products fulfil the requirements of directive 2004/108/EY and are in accordance with the standards EN61000-6-3: 2001 (Emission) and EN61000-6-2: 2001 (Immunity).

Produal Oy

Keltakalliontie 18
48770 Kotka
FINLAND
www.produal.fi

Puh: +358-5-230 9200
Fax: +358-5-230 9210
info@produal.fi