

AVERAGING TEMPERATURE SENSOR TEKA NTC20-500

TEKA NTC20-500 sensor is made for detecting the averaging temperature in a large air duct.

Temperature is detected by four NTC20 thermistors. Thanks to the special mechanical construction the sensor is able to detect temperature throughout its entire length.

Housing is made of heat resistant plastics. Screw cover and terminal blocks tilted to 45° make an easy installation.

Sensor is mounted to the duct by means of an adjustable flange.



Technical data:

Sensors	4 x 20 k Ω NTC thermistor
Stem	\varnothing 8 mm x 500 mm
Duct mounting	adjustable flange
Housing	plastic (< 120 °C)
Prot. class	IP 54, cable entry or stem down
Cable entry	M16
Range	-50...70 °C
Accuracy	\pm 0.2 °C (at 25 °C)

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
TEKA NTC 20-500	1176170	averaging temperature sensor, 500 mm 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).

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