DUCT TEMPERATURE SENSOR TEK NTC 10

TEK NTC 10 temperature sensor is designed for automatic ventilating systems to detect duct temperature.

Temperature is detected by an NTC thermistor with a nominal resistance of 10 kΩ/25 °C.

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

Housing is made of heat resistant plastic.

Sensor is mounted to the duct by means of an adjustable duct connection flange for optimal temperature detection.

Installation depth can be adjusted between ca 100...220 mm.

Technical data:

Sensor	10 kΩ NTC -thermistor
Stem	⌀ 8 mm x 220 mm
Duct connection	flange
Housing	plastic (< 120 °C)
Prot. class	IP 54, cable entry or stem down
Cable entry	M16
Range	-50...70 °C
Accuracy	± 0.2 °C (at 25 °C)

Temperature/Resistance:

°C	NTC 10 / Ω	°C	NTC 10 / Ω
120	389.0	25	10000.0
100	680.0	20	12490.0
90	917.7	15	15710.0
80	1258.0	10	19900.0
75	1480.0	5	25400.0
70	1752.0	0	32650.0
65	2082.0	-5	42340.0
60	2488.0	-10	55330.0
55	2968.0	-15	72980.0
50	3603.0	-20	97070.0
45	4368.0	-25	130400.0
40	5327.0	-30	177000.0
35	6532.0	-40	336500.0
30	8057.0	-50	670100.0

Ordering guide:

Model	Product number	Description
TEK NTC 10	1175040	duct temperature sensor 10 kohm / 25°C