

## DUCT TEMPERATURE SENSOR TEKHA NI1000-LG

TEKHA NI1000-LG temperature sensor is designed for automatic ventilating systems to detect duct temperature.

Temperature is detected by a Ni1000-LG sensor element with a nominal resistance of 1000  $\Omega/0$  °C.

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

Installation depth is adjustable up to 90mm.



### Technical data:

Sensor	Ni1000-LG
Stem	∅ 6 mm x 115 mm
Duct connection	flange
Prot. class	IP 54
Cable	LIYY 2 x 0,14
Range	-50...70 °C
Accuracy	± 0.4 °C (at 0 °C)

### Temperature/Resistance:

°C	Ni1000LG/ $\Omega$	°C	Ni1000LG/ $\Omega$
120	1616,4	25	1114,0
100	1500,0	20	1090,7
90	1444,4	15	1067,6
80	1390,1	10	1044,8
75	1363,5	5	1022,3
70	1337,1	0	1000,0
65	1311,1	-5	978,0
60	1285,4	-10	956,2
55	1260,1	-15	934,7
50	1235,0	-20	913,5
45	1210,2	-25	892,5
40	1185,7	-30	871,7
35	1161,5	-40	830,8
30	1137,6	-50	790,9

### Ordering guide:

Model	Product number	Description
TEKHA NI1000-LG	1178290	duct temperature sensor 1000 ohm / 0 °C