

Outside sensor ZAF 500/510/512

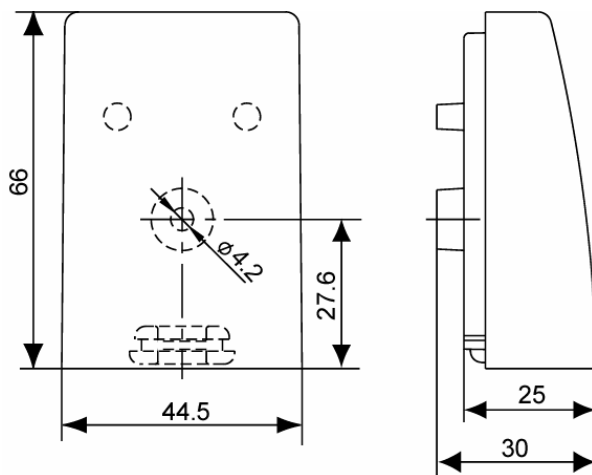
Technical Data

Measuring element:	NTC, 5000 Ω bei 25 °C
Measuring range:	-40 ... 50 °C
Time constant 63 % (VDI / VDE 3522):	< 10 min, measured in moving air
Accuracy:	-40 ... -15 °C \pm 0.7 K -14 ... +50 °C \pm 0.5 K
Temperature:	-40 ... 70 °C
Humidity:	
Climatic conditions	10 ... 100 % r.F. <
Storage / Transport	95 % r.F. (no condensation)
Mounting:	Vertical, Cable entry from below
Degree of protection:	IP 43 nach EN60529
CE-conform according to:	73/23/EWG „Low-Voltage Directive“
Housing colour:	Similar RAL 7035
Weight:	27 g

Temperature sensor resistance values

Temperature °C	Resistance Ω	Temperature °C	Resistance Ω
-40	169'157	6	12'084
-38	148'105	8	10'959
-36	129'935	10	9'951
-34	114'220	12	9'044
-32	100'597	14	8'230
-30	88'766	16	7'498
-28	78'417	18	6'840
-26	69'401	20	6'246
-24	61'530	22	5'709
-22	54'646	24	5'225
-20	48'614	26	4'786
-18	43'297	30	4'029
-16	38'625	32	3'702
-14	34'511	34	3'405
-12	30'884	36	3'134
-10	27'680	38	2'889
-8	24'836	40	2'665
-6	22'317	42	2'460
-4	20'082	44	1'273
-2	18'097	46	2'102
0	16'330	48	1'946
2	14'751	50	1'803
4	13'343	52	1'672

Dimensions



Masse in mm