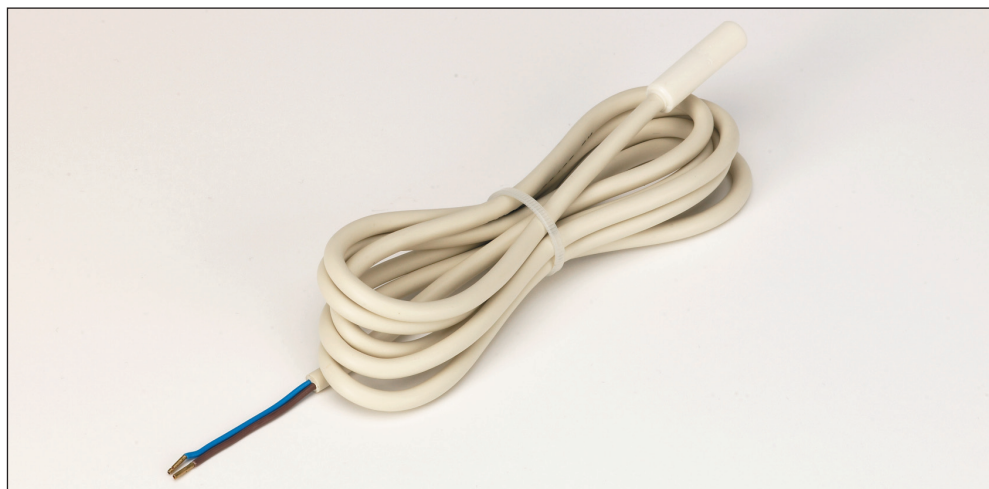


Introduction

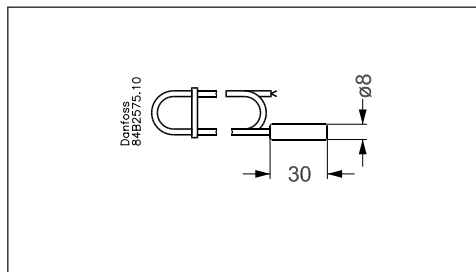


NTC sensor for temperature measurements in the following areas:

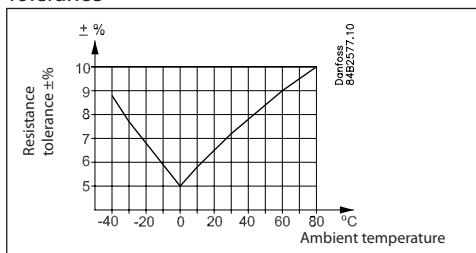
- Refrigeration
- Air conditioning
- Heating

Technical data

Nominal resistance	5000 ohm at 25°C	
Temperature range	-40 to 80°C	
Cable material	PVC, 2 x 0.22 mm ²	
Sensor housing	PBT (Thermo-Plastic Polyester)	
Time constant	Water	25 seconds
	Air	80 seconds
Density	IP 67	



Tolerance



R_nom Ohm	Temp. °C	Temp. °F
631.0	80	176
743.2	75	167
878.9	70	158
1044	65	149
1247	60	140
1495	55	131
1803	50	122
2186	45	113
2665	40	104
3266	35	95
4029	30	86
5000	25	77
6246	20	68
7855	15	59
9951	10	50
12696	5	41
16330	0	32
21166	-5	23
27681	-10	14
36503	-15	5
48614	-20	-4
65333	-25	-13
88766	-30	-22
121795	-35	-31
169157	-40	-40

Ordering

Type	Sensor element		Connec- tion	Cable	Number	Code no.
EKS 211	NTC	5000 ohm / 25°C	-	1.5 m	300	084B4403
				3.5 m	150	084B4404

