

DOL 112-NTC 1K and DOL 112-NTC 10K temperature sensor



DOL 112-NTC 1K and NTC 10K are simple temperature sensors. They are well suited for use in environments where a sturdy design is required.

Table for DOL 112 NTC 1k/10k temperature Sensor Check

°C	DOL 112- NTC K1 Ω	DOL 112- NTC K10 Ω	°C	DOL 112- NTC 1K Ω	DOL 112- NTC 10K Ω
-40	23363	281681	35	692	6780
-35	17248	204240	40	581	5635
-30	12893	150060	45	491	4710
-25	9751	111631	50	417	3960
-20	7457	84020	55	355	3346
-15	5762	63938	60	304	2842
-10	4496	49163	65	262	2425
-5	3541	38175	70	227	2079
0	2813	29918	75	197	1791
5	2254	23654	80	171	1549
10	1819	18857	85	150	1345
15	1480	15151	90	132	1172
20	1212	12265	95	116	1026
25	1000	10000	100	103	901
30	829	8207			

Product survey



140396 DOL 112-NTC 1K temperature sensor

140395 DOL 112-NTC 10K temperature sensor

Is used for measuring both inside and outside temperatures.

Cable length: 1.4 m

Technical data

		DOL 112-NTC 1K	DOL 112-NTC 10K
Electrical			
Measuring range	°C	-40 to +100	
Tolerance	%	3% at 25°C	1% at 25°C
Time constant	T ₆₃	5 min. at 0.5 m/s air speed	
Resistance at 25°C	Ω	1000	10000
Mechanical			
Cable		2-wire, 1.4 m, ø5 mm	
Environment			
Ambient temperature	°C	-40 to +100	
Protection class, electronics	IP	68	
Shipment			
Length, diameter	mm	75, ø14	
Weight incl. cable	g	80	