

Sensor ACURITE

Gemessene Werte				A1	B1	C1	Rn[kOhm]	Errechnet	Delta (Terr – T)	Fehler vom Messwert
Temperatur	Widerstand [kOhm]	R/Rref	ln(R/Rref)	0,0033440	0,0002519	0,0000035	47	T(R)= [kOhm]		
21,9	56,33	1,198510638	0,181079651					22,0086530887	0,1086530887	0,494%
24,5	50,25	1,069148936	0,066862945					24,542960961	0,042960961	0,175%
28,3	42,66	0,907659574	-0,096885889					28,2387235451	-0,0612764549	-0,217%
31,0	37,86	0,805531915	-0,216252456					30,980211981	-0,019788019	-0,064%
35,7	30,77	0,654680851	-0,423607412					35,8403721151	0,1403721151	0,392%
39,0	27	0,574468085	-0,554310736					38,9694763044	-0,0305236956	-0,078%
44,0	22,08	0,469787234	-0,75547538					43,8877780953	-0,1122219047	-0,256%
62,0	10,961	0,233212766	-1,455804083					62,0411606718	0,0411606718	0,066%
71,0	6,902	0,146851064	-1,918336377					74,9870355143	3,9870355143	5,317%
75,0	5,634	0,11987234	-2,121327932					80,9304951956	5,9304951956	7,328%
76,0	5,534	0,117744681	-2,13923672					81,4628682484	5,4628682484	6,706%
80,0	5,242	0,111531915	-2,193444497					83,0823632961	3,0823632961	3,710%

$T(R)=1/(A1+B1*\ln(R/Rref)+C1*\ln^2(R/Rref)-273)$

Widerstands-Kennlinie

IKEA FANTAST



