

Grundwerte nach DIN EN 60751 für Pt100-Temperatursensoren gestuft in Ohm von jeweils 1 zu 1°C

°C	0	-1	-2	-3	-4	-5	-6	-7	-8	-9
-200	18,520	---	---	---	---	---	---	---	---	---
-190	22,825	22,397	21,967	21,538	21,108	20,677	20,247	19,815	19,384	18,952
-180	27,096	26,671	26,245	25,819	25,392	24,965	24,538	24,110	23,682	23,254
-170	31,335	30,913	30,490	30,067	29,643	29,220	28,796	28,371	27,947	27,522
-160	35,543	35,124	34,704	34,284	33,864	33,443	33,022	32,601	32,179	31,757
-150	39,723	39,306	38,889	38,472	38,055	37,637	37,219	36,800	36,382	35,963
-140	43,876	43,462	43,048	42,633	42,218	41,803	41,388	40,972	40,556	40,140
-130	48,005	47,593	47,181	46,769	46,356	45,944	45,531	45,117	44,704	44,290
-120	52,110	51,700	51,291	50,881	50,470	50,060	49,649	49,239	48,828	48,416
-110	56,193	55,786	55,378	54,970	54,562	54,154	53,746	53,337	52,928	52,519
-100	60,256	59,850	59,445	59,039	58,633	58,227	57,821	57,414	57,007	56,600
-90	64,300	63,896	63,492	63,088	62,684	62,280	61,876	61,471	61,066	60,661
-80	68,325	67,924	67,522	67,120	66,717	66,315	65,912	65,509	65,106	64,703
-70	72,335	71,934	71,534	71,134	70,733	70,332	69,931	69,530	69,129	68,727
-60	76,328	75,929	75,530	75,131	74,732	74,333	73,934	73,534	73,134	72,735
-50	80,306	79,909	79,512	79,114	78,717	78,319	77,921	77,523	77,125	76,726
-40	84,271	83,875	83,479	82,083	82,687	82,290	81,894	81,497	81,100	80,703
-30	88,222	87,827	87,432	87,038	86,643	86,248	85,853	85,457	85,062	84,666
-20	92,160	91,767	91,373	90,980	90,586	90,192	89,798	89,404	89,010	88,616
-10	96,086	95,694	95,302	94,909	94,517	94,124	93,732	93,339	92,946	92,553
0	100,000	99,609	99,218	98,827	98,436	98,044	97,653	97,261	96,870	96,478

°C	0	1	2	3	4	5	6	7	8	9
0	100,000	100,391	100,781	101,172	101,562	101,953	102,343	102,733	103,123	103,513
10	103,903	104,292	104,682	105,071	105,460	105,849	106,238	106,627	107,016	107,405
20	107,794	108,182	108,570	108,959	109,347	109,735	110,123	110,510	110,891	111,286
30	111,673	112,060	112,447	112,835	113,221	113,608	113,995	114,382	114,768	115,155
40	115,541	115,927	116,313	116,699	117,085	117,470	117,856	118,241	118,627	119,012
50	119,397	119,782	120,167	120,552	120,936	121,321	121,705	122,090	122,474	122,858
60	123,242	123,626	124,009	124,393	124,777	125,160	125,543	125,926	126,309	126,692
70	127,075	127,458	127,840	128,223	128,605	128,987	129,370	129,752	130,133	130,515
80	130,897	131,278	131,660	132,041	132,422	132,803	133,184	133,565	133,946	134,326
90	134,707	135,087	135,468	135,848	136,228	136,608	136,987	137,367	137,747	138,126
100	138,506	138,885	139,264	139,643	140,022	140,400	140,779	141,158	141,536	141,914
110	142,293	142,671	143,049	143,426	143,804	144,182	144,559	144,937	145,314	145,691
120	146,068	146,445	146,822	147,198	147,575	147,951	148,328	148,704	149,080	149,456
130	149,832	150,208	150,583	150,959	151,334	151,710	152,085	152,460	152,835	153,210
140	153,584	153,959	154,333	154,708	155,082	155,456	155,830	156,204	156,578	156,952
150	157,325	157,699	158,072	158,445	158,818	159,191	159,564	159,937	160,309	160,682
160	161,054	161,427	161,799	162,171	162,543	162,915	163,286	163,658	164,030	164,401
170	164,772	165,143	165,514	165,885	166,256	166,627	166,997	167,368	167,738	168,108
180	168,478	168,848	169,218	169,588	169,958	170,327	170,696	171,066	171,435	171,804
190	172,173	172,542	172,910	173,279	173,648	174,016	174,384	174,752	175,120	175,488
200	175,856	176,224	176,591	176,959	177,326	177,693	178,060	178,427	178,794	179,161
210	179,528	179,894	180,260	180,627	180,993	181,359	181,725	182,091	182,456	182,822
220	183,188	183,553	183,918	184,283	184,648	185,013	185,378	185,743	186,107	186,472
230	186,836	187,200	187,564	187,928	188,292	188,656	189,019	189,383	189,746	190,110
240	190,473	190,836	191,199	191,562	191,924	192,287	192,649	193,012	193,374	193,736
250	194,098	194,460	194,822	195,183	195,545	195,906	196,268	196,629	196,990	197,351
260	197,712	198,073	198,433	198,794	199,154	199,514	199,875	200,235	200,595	200,954
270	201,314	201,674	202,033	202,393	202,752	203,111	203,470	203,829	204,188	204,546
280	204,905	205,263	205,622	205,980	206,338	206,696	207,054	207,411	207,769	208,127
290	208,484	208,841	209,198	209,555	209,912	210,269	210,626	210,982	211,339	211,695
300	212,052	212,408	212,764	213,120	213,475	213,831	214,187	214,542	214,897	215,252

