

Spannungsabfall an Flachsicherungen

10A



Mit einer „Spannungsabfall-Messung“ an der Sicherung kann der Stromfluß im entsprechenden Stromkreis über die Sicherung annähernd bestimmt werden, sofern der Widerstandswert der Sicherung bekannt ist.

Bsp.: Littelfuse 10 A (7,70 mOhm)

Flachsicherung 10A / 0,0077Ohm

mV	mA	mV	mA	mV	mA	mV	mA	mV	mA
0	0	3,85	500	7,7	1000	11,55	1500	15,4	2000
0,077	10	3,927	510	7,777	1010	11,627	1510	15,477	2010
0,154	20	4,004	520	7,854	1020	11,704	1520	15,554	2020
0,231	30	4,081	530	7,931	1030	11,781	1530	15,631	2030
0,308	40	4,158	540	8,008	1040	11,858	1540	15,708	2040
0,385	50	4,235	550	8,085	1050	11,935	1550	15,785	2050
0,462	60	4,312	560	8,162	1060	12,012	1560	15,862	2060
0,539	70	4,389	570	8,239	1070	12,089	1570	15,939	2070
0,616	80	4,466	580	8,316	1080	12,166	1580	16,016	2080
0,693	90	4,543	590	8,393	1090	12,243	1590	16,093	2090
0,77	100	4,62	600	8,47	1100	12,32	1600	16,17	2100
0,847	110	4,697	610	8,547	1110	12,397	1610	16,247	2110
0,924	120	4,774	620	8,624	1120	12,474	1620	16,324	2120
1,001	130	4,851	630	8,701	1130	12,551	1630	16,401	2130
1,078	140	4,928	640	8,778	1140	12,628	1640	16,478	2140
1,155	150	5,005	650	8,855	1150	12,705	1650	16,555	2150
1,232	160	5,082	660	8,932	1160	12,782	1660	16,632	2160
1,309	170	5,159	670	9,009	1170	12,859	1670	16,709	2170
1,386	180	5,236	680	9,086	1180	12,936	1680	16,786	2180
1,463	190	5,313	690	9,163	1190	13,013	1690	16,863	2190
1,54	200	5,39	700	9,24	1200	13,09	1700	16,94	2200
1,617	210	5,467	710	9,317	1210	13,167	1710	17,017	2210
1,694	220	5,544	720	9,394	1220	13,244	1720	17,094	2220
1,771	230	5,621	730	9,471	1230	13,321	1730	17,171	2230
1,848	240	5,698	740	9,548	1240	13,398	1740	17,248	2240
1,925	250	5,775	750	9,625	1250	13,475	1750	17,325	2250
2,002	260	5,852	760	9,702	1260	13,552	1760	17,402	2260
2,079	270	5,929	770	9,779	1270	13,629	1770	17,479	2270
2,156	280	6,006	780	9,856	1280	13,706	1780	17,556	2280
2,233	290	6,083	790	9,933	1290	13,783	1790	17,633	2290
2,31	300	6,16	800	10,01	1300	13,86	1800	17,71	2300
2,387	310	6,237	810	10,087	1310	13,937	1810	17,787	2310
2,464	320	6,314	820	10,164	1320	14,014	1820	17,864	2320
2,541	330	6,391	830	10,241	1330	14,091	1830	17,941	2330
2,618	340	6,468	840	10,318	1340	14,168	1840	18,018	2340
2,695	350	6,545	850	10,395	1350	14,245	1850	18,095	2350
2,772	360	6,622	860	10,472	1360	14,322	1860	18,172	2360
2,849	370	6,699	870	10,549	1370	14,399	1870	18,249	2370
2,926	380	6,776	880	10,626	1380	14,476	1880	18,326	2380
3,003	390	6,853	890	10,703	1390	14,553	1890	18,403	2390
3,08	400	6,93	900	10,78	1400	14,63	1900	18,48	2400
3,157	410	7,007	910	10,857	1410	14,707	1910	18,557	2410
3,234	420	7,084	920	10,934	1420	14,784	1920	18,634	2420
3,311	430	7,161	930	11,011	1430	14,861	1930	18,711	2430
3,388	440	7,238	940	11,088	1440	14,938	1940	18,788	2440
3,465	450	7,315	950	11,165	1450	15,015	1950	18,865	2450
3,542	460	7,392	960	11,242	1460	15,092	1960	18,942	2460
3,619	470	7,469	970	11,319	1470	15,169	1970	19,019	2470
3,696	480	7,546	980	11,396	1480	15,246	1980	19,096	2480
3,773	490	7,623	990	11,473	1490	15,323	1990	19,173	2490

Flachsicherung 10A / 0,0077Ohm

mV	mA	mV	mA	mV	mA	mV	mA	mV	mA
19,25	2500	23,1	3000	26,95	3500	30,8	4000	34,65	4500
19,327	2510	23,177	3010	27,027	3510	30,877	4010	34,727	4510
19,404	2520	23,254	3020	27,104	3520	30,954	4020	34,804	4520
19,481	2530	23,331	3030	27,181	3530	31,031	4030	34,881	4530
19,558	2540	23,408	3040	27,258	3540	31,108	4040	34,958	4540
19,635	2550	23,485	3050	27,335	3550	31,185	4050	35,035	4550
19,712	2560	23,562	3060	27,412	3560	31,262	4060	35,112	4560
19,789	2570	23,639	3070	27,489	3570	31,339	4070	35,189	4570
19,866	2580	23,716	3080	27,566	3580	31,416	4080	35,266	4580
19,943	2590	23,793	3090	27,643	3590	31,493	4090	35,343	4590
20,02	2600	23,87	3100	27,72	3600	31,57	4100	35,42	4600
20,097	2610	23,947	3110	27,797	3610	31,647	4110	35,497	4610
20,174	2620	24,024	3120	27,874	3620	31,724	4120	35,574	4620
20,251	2630	24,101	3130	27,951	3630	31,801	4130	35,651	4630
20,328	2640	24,178	3140	28,028	3640	31,878	4140	35,728	4640
20,405	2650	24,255	3150	28,105	3650	31,955	4150	35,805	4650
20,482	2660	24,332	3160	28,182	3660	32,032	4160	35,882	4660
20,559	2670	24,409	3170	28,259	3670	32,109	4170	35,959	4670
20,636	2680	24,486	3180	28,336	3680	32,186	4180	36,036	4680
20,713	2690	24,563	3190	28,413	3690	32,263	4190	36,113	4690
20,79	2700	24,64	3200	28,49	3700	32,34	4200	36,19	4700
20,867	2710	24,717	3210	28,567	3710	32,417	4210	36,267	4710
20,944	2720	24,794	3220	28,644	3720	32,494	4220	36,344	4720
21,021	2730	24,871	3230	28,721	3730	32,571	4230	36,421	4730
21,098	2740	24,948	3240	28,798	3740	32,648	4240	36,498	4740
21,175	2750	25,025	3250	28,875	3750	32,725	4250	36,575	4750
21,252	2760	25,102	3260	28,952	3760	32,802	4260	36,652	4760
21,329	2770	25,179	3270	29,029	3770	32,879	4270	36,729	4770
21,406	2780	25,256	3280	29,106	3780	32,956	4280	36,806	4780
21,483	2790	25,333	3290	29,183	3790	33,033	4290	36,883	4790
21,56	2800	25,41	3300	29,26	3800	33,11	4300	36,96	4800
21,637	2810	25,487	3310	29,337	3810	33,187	4310	37,037	4810
21,714	2820	25,564	3320	29,414	3820	33,264	4320	37,114	4820
21,791	2830	25,641	3330	29,491	3830	33,341	4330	37,191	4830
21,868	2840	25,718	3340	29,568	3840	33,418	4340	37,268	4840
21,945	2850	25,795	3350	29,645	3850	33,495	4350	37,345	4850
22,022	2860	25,872	3360	29,722	3860	33,572	4360	37,422	4860
22,099	2870	25,949	3370	29,799	3870	33,649	4370	37,499	4870
22,176	2880	26,026	3380	29,876	3880	33,726	4380	37,576	4880
22,253	2890	26,103	3390	29,953	3890	33,803	4390	37,653	4890
22,33	2900	26,18	3400	30,03	3900	33,88	4400	37,73	4900
22,407	2910	26,257	3410	30,107	3910	33,957	4410	37,807	4910
22,484	2920	26,334	3420	30,184	3920	34,034	4420	37,884	4920
22,561	2930	26,411	3430	30,261	3930	34,111	4430	37,961	4930
22,638	2940	26,488	3440	30,338	3940	34,188	4440	38,038	4940
22,715	2950	26,565	3450	30,415	3950	34,265	4450	38,115	4950
22,792	2960	26,642	3460	30,492	3960	34,342	4460	38,192	4960
22,869	2970	26,719	3470	30,569	3970	34,419	4470	38,269	4970
22,946	2980	26,796	3480	30,646	3980	34,496	4480	38,346	4980
23,023	2990	26,873	3490	30,723	3990	34,573	4490	38,423	4990

Flachsicherung 10A / 0,0077Ohm

mV	mA	mV	mA	mV	mA	mV	mA	mV	mA
38,5	5000	42,35	5500	46,2	6000	50,05	6500	53,9	7000
38,577	5010	42,427	5510	46,277	6010	50,127	6510	53,977	7010
38,654	5020	42,504	5520	46,354	6020	50,204	6520	54,054	7020
38,731	5030	42,581	5530	46,431	6030	50,281	6530	54,131	7030
38,808	5040	42,658	5540	46,508	6040	50,358	6540	54,208	7040
38,885	5050	42,735	5550	46,585	6050	50,435	6550	54,285	7050
38,962	5060	42,812	5560	46,662	6060	50,512	6560	54,362	7060
39,039	5070	42,889	5570	46,739	6070	50,589	6570	54,439	7070
39,116	5080	42,966	5580	46,816	6080	50,666	6580	54,516	7080
39,193	5090	43,043	5590	46,893	6090	50,743	6590	54,593	7090
39,27	5100	43,12	5600	46,97	6100	50,82	6600	54,67	7100
39,347	5110	43,197	5610	47,047	6110	50,897	6610	54,747	7110
39,424	5120	43,274	5620	47,124	6120	50,974	6620	54,824	7120
39,501	5130	43,351	5630	47,201	6130	51,051	6630	54,901	7130
39,578	5140	43,428	5640	47,278	6140	51,128	6640	54,978	7140
39,655	5150	43,505	5650	47,355	6150	51,205	6650	55,055	7150
39,732	5160	43,582	5660	47,432	6160	51,282	6660	55,132	7160
39,809	5170	43,659	5670	47,509	6170	51,359	6670	55,209	7170
39,886	5180	43,736	5680	47,586	6180	51,436	6680	55,286	7180
39,963	5190	43,813	5690	47,663	6190	51,513	6690	55,363	7190
40,04	5200	43,89	5700	47,74	6200	51,59	6700	55,44	7200
40,117	5210	43,967	5710	47,817	6210	51,667	6710	55,517	7210
40,194	5220	44,044	5720	47,894	6220	51,744	6720	55,594	7220
40,271	5230	44,121	5730	47,971	6230	51,821	6730	55,671	7230
40,348	5240	44,198	5740	48,048	6240	51,898	6740	55,748	7240
40,425	5250	44,275	5750	48,125	6250	51,975	6750	55,825	7250
40,502	5260	44,352	5760	48,202	6260	52,052	6760	55,902	7260
40,579	5270	44,429	5770	48,279	6270	52,129	6770	55,979	7270
40,656	5280	44,506	5780	48,356	6280	52,206	6780	56,056	7280
40,733	5290	44,583	5790	48,433	6290	52,283	6790	56,133	7290
40,81	5300	44,66	5800	48,51	6300	52,36	6800	56,21	7300
40,887	5310	44,737	5810	48,587	6310	52,437	6810	56,287	7310
40,964	5320	44,814	5820	48,664	6320	52,514	6820	56,364	7320
41,041	5330	44,891	5830	48,741	6330	52,591	6830	56,441	7330
41,118	5340	44,968	5840	48,818	6340	52,668	6840	56,518	7340
41,195	5350	45,045	5850	48,895	6350	52,745	6850	56,595	7350
41,272	5360	45,122	5860	48,972	6360	52,822	6860	56,672	7360
41,349	5370	45,199	5870	49,049	6370	52,899	6870	56,749	7370
41,426	5380	45,276	5880	49,126	6380	52,976	6880	56,826	7380
41,503	5390	45,353	5890	49,203	6390	53,053	6890	56,903	7390
41,58	5400	45,43	5900	49,28	6400	53,13	6900	56,98	7400
41,657	5410	45,507	5910	49,357	6410	53,207	6910	57,057	7410
41,734	5420	45,584	5920	49,434	6420	53,284	6920	57,134	7420
41,811	5430	45,661	5930	49,511	6430	53,361	6930	57,211	7430
41,888	5440	45,738	5940	49,588	6440	53,438	6940	57,288	7440
41,965	5450	45,815	5950	49,665	6450	53,515	6950	57,365	7450
42,042	5460	45,892	5960	49,742	6460	53,592	6960	57,442	7460
42,119	5470	45,969	5970	49,819	6470	53,669	6970	57,519	7470
42,196	5480	46,046	5980	49,896	6480	53,746	6980	57,596	7480
42,273	5490	46,123	5990	49,973	6490	53,823	6990	57,673	7490

Flachsicherung 10A / 0,0077Ohm

mV	mA	mV	mA	mV	mA	mV	mA	mV	mA
57,75	7500	61,6	8000	65,45	8500	69,3	9000	73,15	9500
57,827	7510	61,677	8010	65,527	8510	69,377	9010	73,227	9510
57,904	7520	61,754	8020	65,604	8520	69,454	9020	73,304	9520
57,981	7530	61,831	8030	65,681	8530	69,531	9030	73,381	9530
58,058	7540	61,908	8040	65,758	8540	69,608	9040	73,458	9540
58,135	7550	61,985	8050	65,835	8550	69,685	9050	73,535	9550
58,212	7560	62,062	8060	65,912	8560	69,762	9060	73,612	9560
58,289	7570	62,139	8070	65,989	8570	69,839	9070	73,689	9570
58,366	7580	62,216	8080	66,066	8580	69,916	9080	73,766	9580
58,443	7590	62,293	8090	66,143	8590	69,993	9090	73,843	9590
58,52	7600	62,37	8100	66,22	8600	70,07	9100	73,92	9600
58,597	7610	62,447	8110	66,297	8610	70,147	9110	73,997	9610
58,674	7620	62,524	8120	66,374	8620	70,224	9120	74,074	9620
58,751	7630	62,601	8130	66,451	8630	70,301	9130	74,151	9630
58,828	7640	62,678	8140	66,528	8640	70,378	9140	74,228	9640
58,905	7650	62,755	8150	66,605	8650	70,455	9150	74,305	9650
58,982	7660	62,832	8160	66,682	8660	70,532	9160	74,382	9660
59,059	7670	62,909	8170	66,759	8670	70,609	9170	74,459	9670
59,136	7680	62,986	8180	66,836	8680	70,686	9180	74,536	9680
59,213	7690	63,063	8190	66,913	8690	70,763	9190	74,613	9690
59,29	7700	63,14	8200	66,99	8700	70,84	9200	74,69	9700
59,367	7710	63,217	8210	67,067	8710	70,917	9210	74,767	9710
59,444	7720	63,294	8220	67,144	8720	70,994	9220	74,844	9720
59,521	7730	63,371	8230	67,221	8730	71,071	9230	74,921	9730
59,598	7740	63,448	8240	67,298	8740	71,148	9240	74,998	9740
59,675	7750	63,525	8250	67,375	8750	71,225	9250	75,075	9750
59,752	7760	63,602	8260	67,452	8760	71,302	9260	75,152	9760
59,829	7770	63,679	8270	67,529	8770	71,379	9270	75,229	9770
59,906	7780	63,756	8280	67,606	8780	71,456	9280	75,306	9780
59,983	7790	63,833	8290	67,683	8790	71,533	9290	75,383	9790
60,06	7800	63,91	8300	67,76	8800	71,61	9300	75,46	9800
60,137	7810	63,987	8310	67,837	8810	71,687	9310	75,537	9810
60,214	7820	64,064	8320	67,914	8820	71,764	9320	75,614	9820
60,291	7830	64,141	8330	67,991	8830	71,841	9330	75,691	9830
60,368	7840	64,218	8340	68,068	8840	71,918	9340	75,768	9840
60,445	7850	64,295	8350	68,145	8850	71,995	9350	75,845	9850
60,522	7860	64,372	8360	68,222	8860	72,072	9360	75,922	9860
60,599	7870	64,449	8370	68,299	8870	72,149	9370	75,999	9870
60,676	7880	64,526	8380	68,376	8880	72,226	9380	76,076	9880
60,753	7890	64,603	8390	68,453	8890	72,303	9390	76,153	9890
60,83	7900	64,68	8400	68,53	8900	72,38	9400	76,23	9900
60,907	7910	64,757	8410	68,607	8910	72,457	9410	76,307	9910
60,984	7920	64,834	8420	68,684	8920	72,534	9420	76,384	9920
61,061	7930	64,911	8430	68,761	8930	72,611	9430	76,461	9930
61,138	7940	64,988	8440	68,838	8940	72,688	9440	76,538	9940
61,215	7950	65,065	8450	68,915	8950	72,765	9450	76,615	9950
61,292	7960	65,142	8460	68,992	8960	72,842	9460	76,692	9960
61,369	7970	65,219	8470	69,069	8970	72,919	9470	76,769	9970
61,446	7980	65,296	8480	69,146	8980	72,996	9480	76,846	9980
61,523	7990	65,373	8490	69,223	8990	73,073	9490	76,923	9990