

CHARAKTERYSTYKI TERMOMETRYCZNE TERMEOLEMENTÓW

PN-81/M-53854 (IEC 584)

Tempera- tura °C	Napięcie termoelektryczne w mV					
	Typ K	Typ J	Typ T	Typ S	Typ R	Typ B
	NiCr-NiAl	Fe-CuNi	Cu-CuNi	PtRh10-Pt	PtRh13-Pt	PtRh30-PtRh6
-200	-5.891	-7.890	-5.603	-	-	-
-100	-3.553	-4.632	-3.378	-	-	-
0	0	0	0	0	0	0
100	4.095	5.268	4.277	0.645	0.647	0.033
200	8.137	10.777	9.286	1.440	1.468	0.178
300	12.207	16.325	14.860	2.323	2.400	0.431
400	16.395	21.846	20.869	3.260	3.407	0.786
500	20.640	27.388	-	4.234	4.471	1.241
600	24.902	33.096	-	5.237	5.582	1.741
700	29.128	39.130	-	6.274	6.741	2.430
800	33.277	45.498	-	7.345	7.949	3.154
900	37.325	-	-	8.448	9.203	3.957
1000	41.269	-	-	9.585	10.503	4.836
1100	45.108	-	-	10.754	11.846	5.777
1200	48.828	-	-	11.947	13.224	6.783
1300	52.398	-	-	13.155	14.624	7.845
1400	-	-	-	14.368	16.035	8.952
1500	-	-	-	15.576	17.445	10.094
1600	-	-	-	-	-	11.257
1700	-	-	-	-	-	12.426

Dopuszczalne odchyłki termoelementu

Klasa	Typ K		Typ J		Typ S, Typ R	
	Temperatura °C	Δt	Temperatura °C	Δt	Temperatura °C	Δt
1	0 do 400	1.5°C	-200 do -100	(1-0.02t)°C	0 do 300	1.5°C
			-100 do 400	3°C		
	400 do 1300	0.4%	400 do 515	0.75%	300 do 1600	(0.9-0.002t)°C
2	-200 do -100	(3-0.011t)°C	-200 do -100	(1-0.02t)°C	0 do 600	3°C
	-100 do 400	4°C	-100 do 400	3°C	600 do 1600	0.5%
	400 do 1300	(1-0.0075t)°C	400 do 900	0.75%		

Klasa	Typ T		Typ B	
	Temperatura °C	Δt	Temperatura °C	Δt
2	-200 do -100	(1-0.02t)°C	300 do 600	3°C
	-100 do 400	3°C	600 do 1600	0.5%