

3044-84



**ГОСУДАРСТВЕННЫЙ СТАНДАРТ
СОЮЗА ССР**

**ПРЕОБРАЗОВАТЕЛИ
ТЕРМОЭЛЕКТРИЧЕСКИЕ**

**НОМИНАЛЬНЫЕ СТАТИЧЕСКИЕ ХАРАКТЕРИСТИКИ
ПРЕОБРАЗОВАНИЯ**

**ГОСТ 3044—84
{СТ СЭВ 1059—85}**

Издание официальное

**ГОСУДАРСТВЕННЫЙ КОМИТЕТ СССР ПО УПРАВЛЕНИЮ
КАЧЕСТВОМ ПРОДУКЦИИ И СТАНДАРТАМ**

Москва

35 коп.

Прежде чем пользоваться ГОСТ 3044—84 «Преобразователи термоэлектрические. Номинальные статические характеристики преобразования» внесите следующие исправления:

В каком месте	Напечатано	Должно быть
Таблица 2, графа «Т. э. д. с., мВ, для температуры 2°C»;	7,924	7,942
графа «Т. э. д. с., мВ, для температуры 3°C»;	8,839	8,639
графа «Т. э. д. с., мВ, для температуры 9°C»;	23,863	23,683
графа «Т. э. д. с., мВ, для температуры 6°C».	82,719 92,035	28,719 29,035
Таблица 3, графа «Т. э. д. с., мВ, для температуры 9°C»;	17,644	17,664
графа «Т. э. д. с., мВ, для температуры 3°C».	22,833	22,883
Таблица 11а, графа «Т. э. д. с., мВ, для температуры 5°C».	13,983	13,993

ГОСТ 3044—84 «Преобразователи термоэлектрические. Номинальные статические характеристики преобразования». М., Изд-во стандартов, 1989

ПРЕОБРАЗОВАТЕЛИ ТЕРМОЭЛЕКТРИЧЕСКИЕ**ГОСТ****Номинальные статические характеристики преобразования****3044—84**

Thermoelectric converters. Nominal static graduation tables

[СТ СЭВ 1059—85]

ОКП 42 1150

Срок действияс 01.04.86до 01.01.92**в части преобразователей типов ТХА, ТХК, ТМК**с 01.01.87**Несоблюдение стандарта преследуется по закону**

1. Настоящий стандарт распространяется на термоэлектрические преобразователи с металлическими электродами и устанавливает номинальные статические характеристики (НСХ) преобразования термопар, т. е. зависимость термоэлектродвижущей силы (т. э. д. с.) термопар от температуры рабочего конца при температуре свободных концов 0°C.

НСХ преобразования термопар термоэлектрических преобразователей составлены в соответствии с МПТШ-68 по ГОСТ 8.157—75.

Степень соответствия настоящего стандарта СТ СЭВ 1059—85 приведена в приложении 7а.

(Измененная редакция, Изм. № 2).

2. Типы термоэлектрических преобразователей, условные обозначения НСХ преобразования термопар термоэлектрических преобразователей, диапазоны измеряемых термопар при длительном и кратковременном применении должны соответствовать приведенным в табл. 1.



3. Расчет пределов допускаемых отклонений т. э. д. с. термопар термоэлектрических преобразователей в температурном эквиваленте от номинального значения следует проводить по формулам, указанным в обязательном приложении 1.

1—3. (Измененная редакция, Изм. № 1).

4. Режим кратковременного применения должен быть указан в стандартах или технических условиях на термоэлектрические преобразователи конкретных типов в зависимости от условий их эксплуатации.

5. НСХ преобразования термопар термоэлектрических преобразователей в зависимости от диапазона температур должны соответствовать приведенным в табл. 2—9, 9а—12а.

НСХ преобразования ВР (А)-2 и ВР (А)-3 в диапазоне температур 1800—2500°С приведены в приложениях 2 и 3.

НСХ преобразования ВР (А)-1, в диапазоне температур 2500—2800°С приведена в справочном приложении 4.

Аппроксимирующие полиномы НСХ преобразования термопар термоэлектрических преобразователей приведены в справочном приложении 7.

(Измененная редакция, Изм. № 1, 2).

6. (Исключен, Изм. № 1).

7. По требованию потребителя допускается изготавливать термоэлектрические преобразователи с номинальными статическими характеристиками преобразования, отличными от установленных настоящим стандартом.

(Введен дополнительно, Изм. № 2).

Таблица 1

Тип термо- электриче- ских пре- образова- телей	Условное обоз- начение номи- нальных стати- ческих характе- ристик преоб- разования	Материал термоэлектродов		Пределная температура при кратков- ременном применении, °С
		положительного	отрицательного	
ТВР	ВР (А)-1	Сплав вольфрам-рений ВР 5 (95% W+5% Re)	Сплав вольфрам-рений ВР20 (80% W+20% Re)	2500
	ВР (А)-2			
	ВР (А)-3			
ТПР	ПР (В)	Сплав платиnorodий ПР-30 (70% Pt+30% Rh)	Сплав платиnorodий ПР-6 (94% Pt+6% Rh)	1800
	ПП (S)	Сплав платиnorodий ПР-10 (90% Pt+10% Rh)	Платина Пл Т (Pt)	1600
ТПП	ПП (R)	Сплав платиnorodий ПР-13 (87% Pt+13% Rh)		1600
	ТХА	ХА (К)	Сплав хромель Т НХ9,5 (90,5% Ni+9,5% Cr)	Сплав алюмель НМц АК2-2-1 (94,5% Ni+ +5,5% Al, Si, Mn, Co)
ХК (L)		Сплав копель МНМц 43— 0,5 (56% Cu+44% Ni)		800
ХК (E)		Сплав константан (55% Cu+45% Ni, Mn, Fe)		900
ТМК	МК (M)	Медь М1 (Cu)	Сплав копель МНМц 43— 0,5 (56% Cu+44% Ni)	100
	МК (T)		Сплав константан (55%)	400
ТЖК	ЖК (J)	Железо (Fe)	Сплав константан (55% Cu+45% Ni, Mn, Fe)	900

Примечание. Химический состав материалов термоэлектродов ориентировочный.

Тип ТВР

Номинальная статическая характеристика преобразования ВР (А)-1

Температура рабочего конца, °С	Т. э. д. сл., мВ, для температуры, °С									
	0	1	2	3	4	5	6	7	8	9
0	0,000	0,012	0,024	0,036	0,048	0,060	0,072	0,085	0,097	0,109
10	0,121	0,134	0,146	0,158	0,171	0,183	0,196	0,208	0,221	0,233
20	0,246	0,258	0,271	0,284	0,296	0,309	0,322	0,335	0,348	0,360
30	0,373	0,386	0,399	0,412	0,425	0,438	0,451	0,464	0,477	0,490
40	0,504	0,517	0,530	0,543	0,556	0,570	0,583	0,596	0,610	0,623
50	0,637	0,650	0,663	0,677	0,690	0,704	0,718	0,731	0,745	0,758
60	0,772	0,786	0,799	0,813	0,827	0,841	0,855	0,868	0,882	0,896
70	0,910	0,924	0,938	0,952	0,966	0,980	0,994	1,008	1,022	1,036
80	1,050	1,064	1,079	1,093	1,107	1,121	1,135	1,150	1,164	1,178
90	1,193	1,207	1,221	1,236	1,250	1,265	1,279	1,293	1,308	1,322
100	1,337	1,352	1,366	1,381	1,395	1,410	1,425	1,439	1,454	1,469
110	1,483	1,498	1,513	1,528	1,542	1,557	1,572	1,587	1,602	1,617
120	1,632	1,646	1,661	1,676	1,691	1,706	1,721	1,736	1,751	1,766
130	1,781	1,796	1,812	1,827	1,842	1,857	1,872	1,887	1,902	1,918
140	1,933	1,948	1,963	1,979	1,994	2,009	2,025	2,040	2,055	2,071
150	2,086	2,101	2,117	2,132	2,148	2,163	2,178	2,194	2,209	2,225
160	2,240	2,256	2,272	2,287	2,303	2,318	2,334	2,349	2,365	2,381
170	2,396	2,412	2,428	2,443	2,459	2,475	2,490	2,506	2,522	2,538
180	2,553	2,569	2,585	2,601	2,617	2,632	2,648	2,664	2,680	2,696
190	2,712	2,728	2,743	2,759	2,775	2,791	2,807	2,823	2,839	2,855
200	2,871	2,887	2,903	2,919	2,935	2,951	2,967	2,983	2,999	3,015
210	3,032	3,048	3,064	3,080	3,096	3,112	3,128	3,144	3,161	3,177
220	3,193	3,209	3,225	3,242	3,258	3,274	3,290	3,306	3,323	3,339
230	3,355	3,372	3,388	3,404	3,420	3,437	3,453	3,469	3,486	3,502
240	3,518	3,535	3,551	3,568	3,584	3,600	3,617	3,633	3,650	3,666
250	3,682	3,699	3,715	3,732	3,748	3,765	3,781	3,798	3,814	3,831
260	3,847	3,864	3,880	3,897	3,913	3,930	3,946	3,963	3,979	3,996

Продолжение табл. 2

Температура рабочего конца, °С	Т. э. д. с., мВ, для температуры, °С									
	0	1	2	3	4	5	6	7	8	9
270	4,012	4,029	4,046	4,062	4,079	4,095	4,112	4,129	4,145	4,162
280	4,178	4,195	4,212	4,228	4,245	4,262	4,278	4,295	4,312	4,328
290	4,345	4,362	4,378	4,395	4,412	4,428	4,445	4,462	4,479	4,495
300	4,512	4,529	4,545	4,562	4,579	4,596	4,612	4,629	4,646	4,663
310	4,680	4,696	4,713	4,730	4,747	4,763	4,780	4,797	4,814	4,831
320	4,848	4,864	4,881	4,898	4,915	4,932	4,949	4,965	4,982	4,999
330	5,016	5,033	5,050	5,067	5,083	5,100	5,117	5,134	5,151	5,168
340	5,185	5,202	5,218	5,235	5,252	5,269	5,286	5,303	5,320	5,337
350	5,354	5,371	5,388	5,404	5,421	5,438	5,455	5,472	5,489	5,506
360	5,523	5,540	5,557	5,574	5,591	5,608	5,625	5,642	5,659	5,676
370	5,693	5,710	5,727	5,744	5,761	5,778	5,794	5,811	5,828	5,845
380	5,862	5,879	5,896	5,913	5,930	5,947	5,964	5,981	5,998	6,015
390	6,032	6,049	6,066	6,083	6,100	6,117	6,135	6,152	6,169	6,186
400	6,203	6,220	6,237	6,254	6,271	6,288	6,305	6,322	6,339	6,356
410	6,373	6,390	6,407	6,424	6,441	6,458	6,475	6,492	6,509	6,526
420	6,543	6,560	6,577	6,594	6,611	6,628	6,646	6,663	6,680	6,697
430	6,714	6,731	6,748	6,765	6,782	6,799	6,816	6,833	6,850	6,867
440	6,884	6,901	6,918	6,935	6,952	6,970	6,987	7,004	7,021	7,038
450	7,055	7,072	7,089	7,106	7,123	7,140	7,157	7,174	7,191	7,208
460	7,225	1,242	7,260	7,277	7,294	7,311	7,328	7,345	7,362	7,379
470	7,396	7,413	7,430	7,447	7,464	7,481	7,498	7,515	7,532	7,549
480	7,567	7,584	7,601	7,618	7,635	7,652	7,669	7,686	7,703	7,720
490	7,737	7,754	7,771	7,788	7,805	7,822	7,839	7,856	7,873	7,890
500	7,908	7,925	7,924	7,959	7,976	7,993	8,010	8,027	8,044	8,061
510	8,078	8,095	8,112	8,129	8,146	8,163	8,180	8,197	8,214	8,231
520	8,248	8,265	8,282	8,299	8,316	8,333	8,350	8,367	8,384	8,401
530	8,418	8,435	8,452	8,469	8,486	8,503	8,520	8,537	8,554	8,571
540	8,588	8,605	8,622	8,639	8,656	8,673	8,690	8,707	8,724	8,741
550	8,758	8,775	8,792	8,809	8,826	8,843	8,860	8,877	8,894	8,911
560	8,928	8,945	8,962	8,979	8,996	9,013	9,030	9,047	9,064	9,081
570	9,098	9,115	9,132	9,149	9,165	9,182	9,199	9,216	9,233	9,250

Продолжение табл. 2

Температура рабочего конца, °С	Т. э. д. сд, мВ, для температуры, °С									
	0	1	2	3	4	5	6	7	8	9
580	9,267	9,284	9,301	9,318	9,335	9,352	9,369	9,386	9,403	9,419
590	9,436	9,453	9,470	9,487	9,504	9,521	9,538	9,555	9,572	9,589
600	9,605	9,622	9,639	9,656	9,673	9,690	9,707	9,724	9,741	9,757
610	9,774	9,791	9,808	9,825	9,842	9,859	9,876	9,892	9,909	9,926
620	9,943	9,960	9,977	9,994	10,010	10,027	10,044	10,061	10,078	10,095
630	10,111	10,128	10,145	10,162	10,179	10,196	10,212	10,229	10,246	10,263
640	10,280	10,296	10,313	10,330	10,347	10,364	10,380	10,397	10,414	10,431
650	10,448	10,464	10,481	10,498	10,515	10,531	10,548	10,565	10,582	10,599
660	10,615	10,632	10,649	10,666	10,682	10,699	10,716	10,733	10,749	10,766
670	10,783	10,799	10,816	10,833	10,850	10,866	10,883	10,900	10,916	10,933
680	10,950	10,967	10,983	11,000	11,017	11,033	11,050	11,067	11,083	11,100
690	11,117	11,134	11,150	11,167	11,184	11,200	11,217	11,234	11,250	11,267
700	11,283	11,300	11,317	11,333	11,350	11,367	11,383	11,400	11,417	11,433
710	11,450	11,466	11,483	11,500	11,516	11,533	11,550	11,566	11,583	11,599
720	11,616	11,632	11,649	11,666	11,682	11,699	11,715	11,732	11,749	11,765
730	11,782	11,798	11,815	11,831	11,848	11,864	11,881	11,898	11,914	11,931
740	11,947	11,964	11,980	11,997	12,013	12,030	12,046	12,063	12,079	12,096
750	12,112	12,129	12,145	12,162	12,178	12,195	12,211	12,228	12,244	12,261
760	12,277	12,294	12,310	12,327	12,343	12,359	12,376	12,392	12,409	12,425
770	12,442	12,458	12,475	12,491	12,507	12,524	12,540	12,557	12,573	12,589
780	12,606	12,622	12,639	12,655	12,671	12,688	12,704	12,721	12,737	12,753
790	12,770	12,786	12,802	12,819	12,835	12,852	12,868	12,884	12,901	12,917
800	12,933	12,950	12,966	12,982	12,999	13,015	13,031	13,048	13,064	13,080
810	13,096	13,113	13,129	13,145	13,162	13,178	13,194	13,210	13,227	13,243
820	13,259	13,276	13,292	13,308	13,324	13,341	13,357	13,373	13,389	13,406
830	13,422	13,438	13,454	13,470	13,487	13,503	13,519	13,535	13,551	13,568
840	13,584	13,600	13,616	13,632	13,649	13,665	13,681	13,697	13,713	13,729
850	13,746	13,762	13,778	13,794	13,810	13,826	13,842	13,859	13,875	13,891
860	13,907	13,923	13,939	13,955	13,971	13,988	14,004	14,020	14,036	14,052
870	14,068	14,084	14,100	14,116	14,132	14,148	14,164	14,181	14,197	14,213
880	14,229	14,245	14,261	14,277	14,293	14,309	14,325	14,341	14,357	14,373

Продолжение табл. 2

Температура рабочего конца, °С	Т. э. Д. с. мВ, для температуры, °С									
	0	1	2	3	4	5	6	7	8	9
890	14,389	14,405	14,421	14,437	14,453	14,469	14,485	14,501	14,517	14,533
900	14,549	14,565	14,581	14,597	14,613	14,629	14,645	14,661	14,676	14,692
910	14,708	14,724	14,740	14,756	14,772	14,788	14,804	14,820	14,836	14,852
920	14,867	14,883	14,899	14,915	14,931	14,947	14,963	14,979	14,994	15,010
930	15,026	15,042	15,058	15,074	15,089	15,105	15,121	15,137	15,153	15,169
940	15,184	15,200	15,216	15,232	15,248	15,263	15,279	15,295	15,311	15,327
950	15,342	15,358	15,374	15,390	15,405	15,421	15,437	15,453	15,468	15,484
960	15,500	15,515	15,531	15,547	15,563	15,578	15,594	15,610	15,625	15,641
970	15,657	15,672	15,688	15,704	15,720	15,735	15,751	15,767	15,782	15,798
980	15,813	15,829	15,845	15,860	15,876	15,892	15,907	15,923	15,938	15,954
990	15,970	15,985	16,001	16,016	16,032	16,048	16,063	16,079	16,094	16,110
1000	16,125	16,141	16,157	16,172	16,188	16,203	16,219	16,234	16,250	16,265
1010	16,281	16,296	16,312	16,327	16,343	16,358	16,374	16,389	16,405	16,420
1020	16,436	16,451	16,467	16,482	16,498	16,513	16,529	16,544	16,559	16,575
1030	16,590	16,606	16,621	16,637	16,652	16,667	16,683	16,698	16,714	16,729
1040	16,744	16,760	16,775	16,790	16,806	16,821	16,837	16,852	16,867	16,883
1050	16,898	16,913	16,929	16,944	16,959	16,975	16,990	17,005	17,020	17,036
1060	17,051	17,066	17,082	17,097	17,112	17,127	17,143	17,158	17,173	17,189
1070	17,204	17,219	17,234	17,249	17,265	17,280	17,295	17,310	17,326	17,341
1080	17,356	17,371	17,386	17,402	17,417	17,432	17,447	17,462	17,477	17,493
1090	17,508	17,523	17,538	17,553	17,568	17,584	17,599	17,614	17,629	17,644
1100	17,659	17,674	17,689	17,704	17,720	17,735	17,750	17,765	17,780	17,795
1110	17,810	17,825	17,840	17,855	17,870	17,885	17,900	17,915	17,930	17,945
1120	17,960	17,975	17,990	18,005	18,020	18,035	18,050	18,065	18,080	18,095
1130	18,110	18,125	18,140	18,155	18,170	18,185	18,200	18,215	18,230	18,245
1140	18,260	18,275	18,290	18,305	18,319	18,334	18,349	18,364	18,379	18,394
1150	18,409	18,424	18,438	18,453	18,468	18,483	18,498	18,513	18,528	18,542
1160	18,557	18,572	18,587	18,602	18,617	18,631	18,646	18,661	18,676	18,690
1170	18,705	18,720	18,735	18,750	18,764	18,779	18,794	18,809	18,823	18,838
1180	18,853	18,868	18,882	18,897	18,912	18,926	18,941	18,956	18,970	18,985

Т. э. д. с., мВ, для температуры, °С

Температура рабочего конца, °С	0	1	2	3	4	5	6	7	8	9
1190	19,000	19,015	19,029	19,044	19,059	19,073	19,088	19,102	19,117	19,132
1200	19,146	19,161	19,176	19,190	19,205	19,219	19,234	19,249	19,263	19,278
1210	19,292	19,307	19,322	19,336	19,351	19,365	19,380	19,394	19,409	19,423
1220	19,438	19,453	19,467	19,482	19,496	19,511	19,525	19,540	19,554	19,569
1230	19,583	19,598	19,612	19,626	19,641	19,655	19,670	19,684	19,699	19,713
1240	19,728	19,742	19,756	19,771	19,785	19,800	19,814	19,829	19,843	19,857
1250	19,872	19,886	19,900	19,915	19,929	19,944	19,958	19,972	19,987	20,001
1260	20,015	20,030	20,044	20,058	20,073	20,087	20,101	20,115	20,130	20,144
1270	20,158	20,173	20,187	20,201	20,215	20,230	20,244	20,258	20,272	20,287
1280	20,301	20,315	20,329	20,343	20,358	20,372	20,386	20,400	20,414	20,429
1290	20,443	20,457	20,471	20,485	20,500	20,514	20,528	20,542	20,556	20,570
1300	20,584	20,599	20,613	20,627	20,641	20,655	20,669	20,683	20,697	20,711
1310	20,725	20,739	20,754	20,768	20,782	20,796	20,810	20,824	20,838	20,852
1320	20,866	20,880	20,894	20,908	20,922	20,936	20,950	20,964	20,978	20,992
1330	21,006	21,020	21,034	21,048	21,062	21,076	21,090	21,104	21,117	21,131
1340	21,145	21,159	21,173	21,187	21,201	21,215	21,229	21,243	21,257	21,270
1350	21,284	21,298	21,312	21,326	21,340	21,354	21,367	21,381	21,395	21,409
1360	21,423	21,437	21,450	21,464	21,478	21,492	21,506	21,519	21,533	21,547
1370	21,561	21,574	21,588	21,602	21,616	21,629	21,643	21,657	21,671	21,684
1380	21,698	21,712	21,725	21,739	21,753	21,767	21,780	21,794	21,808	21,821
1390	21,835	21,849	21,862	21,876	21,889	21,903	21,917	21,930	21,944	21,958
1400	21,971	21,985	21,998	22,012	22,026	22,039	22,053	22,066	22,080	22,093
1410	22,107	22,121	22,134	22,148	22,161	22,175	22,188	22,202	22,215	22,229
1420	22,242	22,256	22,269	22,283	22,296	22,310	22,323	22,337	22,350	22,364
1430	22,377	22,391	22,404	22,417	22,431	22,444	22,458	22,471	22,485	22,498
1440	22,511	22,525	22,538	22,552	22,565	22,578	22,592	22,605	22,618	22,632
1450	22,645	22,658	22,672	22,685	22,698	22,712	22,725	22,738	22,752	22,765
1460	22,778	22,792	22,805	22,818	22,831	22,845	22,858	22,871	22,884	22,898
1470	22,911	22,924	22,937	22,951	22,964	22,977	22,990	23,003	23,017	23,030
1480	23,043	23,056	23,069	23,083	23,096	23,109	23,122	23,135	23,148	23,162

Продолжение табл. 2

Температура рабочего конца, °С	Т. 9. Д. с., мВ, для температуры, °С									
	0	1	2	3	4	5	6	7	8	9
1490	23,175	23,188	23,201	23,214	23,227	23,240	23,253	23,267	23,280	23,293
1500	23,306	23,319	23,332	23,345	23,358	23,371	23,384	23,397	23,410	23,423
1510	23,436	23,449	23,462	23,475	23,488	23,501	23,514	23,527	23,540	23,553
1520	23,566	23,579	23,592	23,605	23,618	23,631	23,644	23,657	23,670	23,683
1530	23,696	23,709	23,722	23,735	23,748	23,760	23,773	23,786	23,799	23,812
1540	23,825	23,838	23,851	23,863	23,876	23,889	23,902	23,915	23,928	23,940
1550	23,953	23,966	23,979	23,992	24,004	24,017	24,030	24,043	24,056	24,068
1560	24,081	24,094	24,107	24,119	24,132	24,145	24,158	24,170	24,183	24,196
1570	24,209	24,221	24,234	24,247	24,259	24,272	24,285	24,297	24,310	24,323
1580	24,335	24,348	24,361	24,373	24,386	24,399	24,411	24,424	24,437	24,449
1590	24,462	24,474	24,487	24,500	24,512	24,525	24,537	24,550	24,562	24,575
1600	24,588	24,600	24,613	24,625	24,638	24,650	24,663	24,675	24,688	24,700
1610	24,713	24,725	24,738	24,750	24,763	24,775	24,788	24,800	24,813	24,825
1620	24,838	24,850	24,862	24,875	24,887	24,900	24,912	24,925	24,937	24,949
1630	24,962	24,974	24,987	24,999	25,011	25,024	25,036	25,048	25,061	25,073
1640	25,085	25,098	25,110	25,122	25,135	25,147	25,159	25,172	25,184	25,196
1650	25,209	25,221	25,233	25,245	25,258	25,270	25,282	25,295	25,307	25,319
1660	25,331	25,343	25,356	25,368	25,380	25,392	25,405	25,417	25,429	25,441
1670	25,453	25,466	25,478	25,490	25,502	25,514	25,526	25,539	25,551	25,563
1680	25,575	25,587	25,599	25,611	25,623	25,636	25,648	25,660	25,672	25,684
1690	25,696	25,708	25,720	25,732	25,744	25,756	25,768	25,780	25,792	25,804
1700	25,816	25,828	25,841	25,853	25,865	25,877	25,889	25,901	25,912	25,924
1710	25,936	25,948	25,960	25,972	25,984	25,996	26,008	26,020	26,032	26,044
1720	26,056	26,068	26,080	26,092	26,104	26,115	26,127	26,139	26,151	26,163
1730	26,175	26,187	26,199	26,210	26,222	26,234	26,246	26,258	26,270	26,281
1740	26,293	26,305	26,317	26,329	26,340	26,352	26,364	26,376	26,388	26,399
1750	26,411	26,423	26,435	26,446	26,458	26,470	26,482	26,493	26,505	26,517
1760	26,528	26,540	26,552	26,563	26,575	26,587	26,599	26,610	26,622	26,634
1770	26,645	26,657	26,668	26,680	26,692	26,703	26,715	26,727	26,738	26,750
1780	26,761	26,773	26,785	26,796	26,808	26,819	26,831	26,842	26,854	26,866

Температура рабочего конца, °С	Т. э. д. с, мВ, для температуры, °С									
	0	1	2	3	4	5	6	7	8	9
1790	26,877	26,889	26,900	26,912	26,923	26,935	26,946	26,958	26,969	26,981
1800	26,992	27,004	27,015	27,027	27,038	27,050	27,061	27,073	27,084	27,096
1810	27,107	27,118	27,130	27,141	27,153	27,164	27,175	27,187	27,198	27,210
1820	27,221	27,232	27,244	27,255	27,267	27,278	27,289	27,301	27,312	27,323
1830	27,335	27,346	27,357	27,369	27,380	27,391	27,402	27,414	27,425	27,436
1840	27,448	27,459	27,470	27,481	27,493	27,504	27,515	27,526	27,538	27,549
1850	27,560	27,571	27,583	27,594	27,605	27,616	27,627	27,639	27,650	27,661
1860	27,672	27,683	27,694	27,706	27,717	27,728	27,739	27,750	27,761	27,772
1870	27,783	27,795	27,806	27,817	27,828	27,839	27,850	27,861	27,872	27,883
1880	27,894	27,905	27,916	27,927	27,938	27,949	27,961	27,972	27,983	27,994
1890	28,005	28,016	28,027	28,038	28,049	28,059	28,070	28,081	28,092	28,103
1900	28,114	28,125	28,136	28,147	28,158	28,169	28,180	28,191	28,202	28,213
1910	28,223	28,234	28,245	28,256	28,267	28,278	28,289	28,300	28,310	28,321
1920	28,332	28,343	28,354	28,365	28,375	28,386	28,397	28,408	28,419	28,429
1930	28,440	28,451	28,462	28,472	28,483	28,494	28,505	28,515	28,526	28,537
1940	28,548	28,558	28,569	28,580	28,591	28,601	28,612	28,623	28,633	28,644
1950	28,655	28,665	28,676	28,687	28,697	28,708	82,719	28,729	28,740	28,750
1960	28,761	28,772	28,782	28,793	28,803	28,814	28,825	28,835	28,846	28,856
1970	28,867	28,877	28,888	28,898	28,909	28,920	28,930	28,941	28,951	28,962
1980	28,972	28,983	28,993	29,004	29,014	29,024	92,035	29,045	29,056	29,066
1990	29,077	29,087	29,098	29,108	29,118	29,129	29,139	29,150	29,160	29,170
2000	29,181	29,191	29,202	29,212	29,222	29,233	29,243	29,253	29,264	29,274
2010	29,284	29,295	29,305	29,315	29,326	29,336	29,346	29,356	29,367	29,377
2020	29,387	29,398	29,408	29,418	29,428	29,438	29,449	29,459	29,469	29,479
2030	29,490	29,500	29,510	29,520	29,530	29,541	29,551	29,561	29,571	29,581
2040	29,591	29,601	29,612	29,622	29,632	29,642	29,652	29,662	29,672	29,682
2050	29,693	29,703	29,713	29,723	29,733	29,743	29,753	29,763	29,773	29,783
2060	29,793	29,803	29,813	29,823	29,833	29,843	29,853	29,863	29,873	29,883
2070	29,893	29,903	29,913	29,923	29,933	29,943	29,953	29,963	29,973	29,983
2080	29,992	30,002	30,012	30,022	30,032	30,042	30,052	30,062	30,072	30,081

Продолжение табл. 2

Температура рабочего конца, °С	Т. э. д. с., мВ, для температуры, °С									
	0	1	2	3	4	5	6	7	8	9
2090	30,091	30,101	30,111	30,121	30,131	30,140	30,150	30,160	30,170	30,180
2100	30,189	30,199	30,209	30,219	30,229	30,238	30,248	30,258	30,268	30,277
2110	30,287	30,297	30,306	30,316	30,326	30,336	30,345	30,355	30,365	30,374
2120	30,384	30,394	30,403	30,413	30,423	30,432	30,442	30,451	30,461	30,471
2130	30,480	30,490	30,500	30,509	30,519	30,528	30,538	30,547	30,557	30,566
2140	30,576	30,586	30,595	30,605	30,614	30,624	30,633	30,643	30,652	30,662
2150	30,671	30,681	30,690	30,700	30,709	30,719	30,728	30,737	30,747	30,756
2160	30,766	30,775	30,785	30,794	30,803	30,813	30,822	30,831	30,841	30,850
2170	30,860	30,869	30,878	30,888	30,897	30,906	30,916	30,925	30,934	30,944
2180	30,953	30,962	30,971	30,981	30,990	30,999	31,009	31,018	31,027	31,036
2190	31,046	31,055	31,064	31,073	31,082	31,092	31,101	31,110	31,119	31,128
2200	31,138	31,147	31,156	31,165	31,174	31,183	31,193	31,202	31,211	31,220
2210	31,229	31,238	31,247	31,256	31,265	31,274	31,284	31,293	31,302	31,311
2220	31,320	31,329	31,338	31,347	31,356	31,365	31,374	31,383	31,392	31,401
2230	31,410	31,419	31,428	31,437	31,446	31,455	31,464	31,473	31,482	31,491
2240	31,500	31,509	31,517	31,526	31,535	31,544	31,553	31,562	31,571	31,580
2250	31,589	31,597	31,606	31,615	31,624	31,633	31,642	31,650	31,659	31,668
2260	31,677	31,686	31,695	31,703	31,712	31,721	31,730	31,738	31,747	31,756
2270	31,765	31,773	31,782	31,791	31,800	31,808	31,817	31,826	31,834	31,843
2280	31,852	31,860	31,869	31,878	31,886	31,895	31,904	31,912	31,921	31,930
2290	31,938	31,947	31,956	31,964	31,973	31,981	31,990	31,999	31,007	32,016
2300	32,024	32,033	32,041	32,050	32,059	32,067	32,076	32,084	32,093	32,101
2310	32,110	32,118	32,127	32,135	32,144	32,152	32,161	32,169	32,178	32,186
2320	32,194	32,203	32,211	32,220	32,228	32,237	32,245	32,254	32,262	32,270
2330	32,279	32,287	32,295	32,304	32,312	32,321	32,329	32,337	32,346	32,354
2340	32,362	32,371	32,379	32,387	32,396	32,404	32,412	32,421	32,429	32,437
2350	32,445	32,454	32,462	32,470	32,479	32,487	32,495	32,503	32,512	32,520
2360	32,528	32,536	32,545	32,553	32,561	32,569	32,577	32,586	32,594	32,602
2370	32,610	32,618	32,626	32,635	32,643	32,651	32,659	32,667	32,675	32,684
2380	32,692	32,700	32,708	32,716	32,724	32,732	32,740	32,748	32,757	32,765

Тип ГВР

Номинальная статическая характеристика преобразования ВР (А)-2

Температура рабочего конца, °С	Т. э. д. с., мВ, для температуры, °С									
	0	1	2	3	4	5	6	7	8	9
0	0,000	0,012	0,023	0,035	0,047	0,059	0,071	0,082	0,094	0,106
10	0,118	0,130	0,143	0,155	0,167	0,179	0,191	0,204	0,216	0,228
20	0,241	0,253	0,266	0,278	0,291	0,303	0,316	0,329	0,341	0,354
30	0,367	0,380	0,393	0,406	0,418	0,431	0,444	0,457	0,470	0,484
40	0,497	0,510	0,523	0,536	0,550	0,563	0,576	0,589	0,603	0,616
50	0,630	0,643	0,657	0,670	0,684	0,697	0,711	0,725	0,738	0,752
60	0,766	0,780	0,793	0,807	0,821	0,835	0,849	0,863	0,877	0,891
70	0,905	0,919	0,933	0,947	0,961	0,975	0,990	1,004	1,018	1,032
80	1,047	1,061	1,075	1,090	1,104	1,118	1,133	1,147	1,162	1,176
90	1,191	1,205	1,220	1,235	1,249	1,264	1,279	1,293	1,308	1,323
100	1,337	1,352	1,367	1,382	1,397	1,412	1,426	1,441	1,456	1,471
110	1,486	1,501	1,516	1,531	1,546	1,561	1,577	1,592	1,607	1,622
120	1,637	1,652	1,667	1,683	1,698	1,713	1,728	1,744	1,759	1,774
130	1,798	1,805	1,821	1,836	1,851	1,867	1,882	1,898	1,913	1,929
140	1,944	1,960	1,975	1,991	2,007	2,022	2,038	2,053	2,069	2,085
150	2,100	2,116	2,132	2,148	2,163	2,179	2,195	2,211	2,226	2,242
160	2,258	2,274	2,290	2,306	2,321	2,337	2,353	2,369	2,385	2,401
170	2,417	2,433	2,449	2,465	2,481	2,497	2,513	2,529	2,545	2,561
180	2,577	2,593	2,609	2,626	2,642	2,658	2,674	2,690	2,706	2,723
190	2,739	2,755	2,771	2,787	2,804	2,820	2,836	2,852	2,869	2,885
200	2,901	2,918	2,934	2,950	2,967	2,983	2,999	3,016	3,032	3,048
210	3,065	3,081	3,098	3,114	3,131	3,147	3,163	3,180	3,196	3,213
220	3,229	3,246	3,262	3,279	3,295	3,312	3,328	3,345	3,362	3,378
230	3,395	3,411	3,428	3,444	3,461	3,478	3,494	3,511	3,528	3,544
240	3,561	3,577	3,594	3,611	3,627	3,644	3,661	3,677	3,694	3,711
250	3,728	3,744	3,761	3,778	3,794	3,811	3,828	3,845	3,861	3,878

Т. э. д. с., мВ, для температуры, °С

Температура рабочего конца, °С	0	1	2	3	4	5	6	7	8	9
260	3,896	3,912	3,929	3,945	3,962	3,979	3,996	4,013	4,029	4,046
270	4,063	4,080	4,097	4,114	4,130	4,147	4,164	4,181	4,198	4,215
280	4,232	4,248	4,265	4,282	4,299	4,316	4,333	4,350	4,367	4,384
290	4,401	4,418	4,434	4,451	4,468	4,484	4,502	4,519	4,536	4,553
300	4,570	4,587	4,604	4,621	4,638	4,655	4,672	4,689	4,706	4,723
310	4,740	4,757	4,774	4,791	4,808	4,825	4,842	4,859	4,876	4,893
320	4,910	4,927	4,944	4,961	4,978	4,995	5,012	5,029	5,046	5,063
330	5,080	5,097	5,115	5,132	5,149	5,166	5,183	5,200	5,217	5,234
340	5,251	5,268	5,285	5,302	5,319	5,337	5,354	5,371	5,388	5,405
350	5,422	5,439	5,456	5,473	5,490	5,508	5,525	5,542	5,559	5,576
360	5,593	5,610	5,627	5,645	5,662	5,679	5,696	5,713	5,730	5,747
370	5,764	5,782	5,799	5,816	5,833	5,850	5,867	5,884	5,902	5,919
380	5,936	5,953	5,970	5,987	6,005	6,022	6,039	6,056	6,073	6,090
390	6,107	6,125	6,142	6,159	6,176	6,193	6,210	6,228	6,245	6,262
400	6,279	6,296	6,313	6,331	6,348	6,365	6,382	6,399	6,416	6,434
410	6,451	6,468	6,485	6,502	6,520	6,537	6,554	6,571	6,588	6,605
420	6,623	6,640	6,657	6,674	6,691	6,708	6,726	6,743	6,760	6,777
430	6,794	6,812	6,829	6,846	6,863	6,880	6,897	6,915	6,932	6,949
440	6,966	6,983	7,001	7,018	7,035	7,052	7,069	7,086	7,104	7,121
450	7,138	7,155	7,172	7,190	7,207	7,224	7,241	7,258	7,275	7,293
460	7,310	7,327	7,344	7,361	7,378	7,396	7,413	7,430	7,447	7,464
470	7,481	7,499	7,516	7,533	7,550	7,567	7,585	7,602	7,619	7,636
480	7,653	7,670	7,688	7,705	7,722	7,739	7,756	7,773	7,791	7,808
490	7,825	7,842	7,859	7,876	7,893	7,911	7,928	7,945	7,962	7,979
500	7,996	8,014	8,031	8,048	8,065	8,082	8,099	8,116	8,134	8,151
510	8,168	8,185	8,202	8,219	8,236	8,254	8,271	8,288	8,305	8,322
520	8,339	8,356	8,374	8,391	8,408	8,425	8,442	8,459	8,476	8,493
530	8,511	8,528	8,545	8,562	8,579	8,596	8,613	8,630	8,647	8,665
540	8,682	8,699	8,716	8,733	8,750	8,767	8,784	8,801	8,819	8,836
550	8,853	8,870	8,887	8,904	8,921	8,938	8,955	8,972	8,989	9,007

Продолжение табл. 3

Температура рабочего конца, °С	Т. э. д. с., мВ, для температуры, °С									
	0	1	2	3	4	5	6	7	8	9
560	9,024	9,041	9,058	9,075	9,092	9,109	9,126	9,143	9,160	9,177
570	9,194	9,211	9,228	9,246	9,263	9,280	9,297	9,314	9,331	9,348
580	9,365	9,382	9,399	9,416	9,433	9,450	9,467	9,484	9,501	9,518
590	9,535	9,552	9,569	9,586	9,604	9,621	9,638	9,655	9,672	9,689
600	9,706	9,723	9,740	9,757	9,774	9,791	9,808	9,825	9,842	9,859
610	9,876	9,893	9,910	9,927	9,944	9,961	9,978	9,995	10,012	10,029
620	10,046	10,063	10,080	10,097	10,114	10,131	10,147	10,164	10,181	10,198
630	10,215	10,232	10,249	10,266	10,283	10,300	10,317	10,334	10,351	10,368
640	10,385	10,402	10,419	10,436	10,453	10,470	10,486	10,503	10,520	10,537
650	10,554	10,571	10,588	10,605	10,622	10,639	10,656	10,673	10,689	10,706
660	10,723	10,740	10,757	10,774	10,791	10,808	10,825	10,841	10,858	10,875
670	10,892	10,909	10,926	10,943	10,960	10,976	10,993	11,010	11,027	11,044
680	11,061	11,078	11,094	11,111	11,128	11,145	11,162	11,179	11,195	11,212
690	11,229	11,246	11,263	11,280	11,296	11,313	11,330	11,347	11,364	11,380
700	11,397	11,414	11,431	11,448	11,464	11,481	11,498	11,515	11,532	11,548
710	11,565	11,582	11,599	11,615	11,632	11,649	11,666	11,682	11,699	11,716
720	11,733	11,749	11,766	11,783	11,800	11,816	11,833	11,850	11,867	11,883
730	11,900	11,917	11,933	11,950	11,967	11,984	12,000	12,017	12,034	12,050
740	12,067	12,084	12,100	12,117	12,134	12,151	12,167	12,184	12,201	12,217
750	12,234	12,251	12,267	12,284	12,300	12,317	12,334	12,350	12,367	12,384
760	12,400	12,417	12,434	12,450	12,467	12,483	12,500	12,517	12,533	12,550
770	12,556	12,583	12,600	12,616	12,633	12,649	12,666	12,683	12,699	12,716
780	12,732	12,749	12,765	12,782	12,799	12,815	12,832	12,848	12,865	12,881
790	12,898	12,914	12,931	12,947	12,964	12,981	12,997	13,014	13,030	13,047
800	13,063	13,080	13,096	13,113	13,129	13,146	13,162	13,179	13,195	13,211
810	13,228	13,244	13,261	13,277	13,294	13,310	13,327	13,343	13,360	13,376
820	13,392	13,409	13,425	13,442	13,458	13,475	13,491	13,507	13,524	13,540
830	13,557	13,573	13,589	13,606	13,622	13,639	13,655	13,671	13,688	13,704
840	13,720	13,737	13,753	13,770	13,786	13,802	13,819	13,835	13,851	13,868
850	13,884	13,900	13,917	13,933	13,949	13,966	13,982	13,998	14,014	14,031

Продолжение табл. 3

Температура рабочего конца, °С	Т. э. д. с., мВ, для температуры, °С									
	0	1	2	3	4	5	6	7	8	9
860	14,047	14,063	14,080	14,096	14,112	14,128	13,145	14,161	14,177	14,193
870	14,210	14,226	14,242	14,258	14,275	14,291	14,307	14,323	14,340	14,356
880	14,372	14,388	14,404	14,421	14,437	14,453	14,469	14,485	14,502	14,518
890	14,534	14,550	14,566	14,582	14,599	14,615	14,631	14,647	14,663	14,679
900	14,695	14,712	14,728	14,744	14,760	14,776	14,792	14,808	14,824	14,840
910	14,857	14,873	14,889	14,905	14,921	14,937	14,953	14,969	14,985	15,001
920	15,017	15,033	15,049	15,065	15,081	15,097	15,113	15,129	15,145	15,161
930	15,177	15,193	15,209	15,225	15,241	15,257	15,273	15,289	15,305	15,321
940	15,337	15,353	15,369	15,385	15,401	15,417	15,433	15,449	15,465	15,481
950	15,497	15,513	15,529	15,544	15,560	15,576	15,592	15,608	15,624	15,640
960	15,656	15,671	15,687	15,703	15,719	15,735	15,751	15,767	15,782	15,798
970	15,814	15,830	15,846	15,862	15,877	15,893	15,909	15,925	15,941	15,956
980	15,972	15,988	16,004	16,019	16,035	16,051	16,067	16,083	16,098	16,114
990	16,130	16,145	16,161	16,177	16,193	16,208	16,224	16,240	16,255	16,271
1000	16,287	16,303	16,318	16,334	16,350	16,365	16,381	16,397	16,412	16,428
1010	16,444	16,459	16,475	16,490	16,506	16,522	16,537	16,553	16,568	16,584
1020	16,600	16,615	16,631	16,646	16,662	16,678	16,693	16,709	16,724	16,740
1030	16,755	16,771	16,786	16,802	16,818	16,833	16,849	16,864	16,880	16,895
1040	16,911	16,926	16,942	16,957	16,973	16,988	17,003	17,019	17,034	17,050
1050	17,065	17,081	17,096	17,112	17,127	17,142	17,158	17,173	17,189	17,204
1060	17,220	17,235	17,250	17,266	17,281	17,296	17,312	17,327	17,343	17,358
1070	17,373	17,389	17,404	17,419	17,435	17,450	17,465	17,481	17,496	17,511
1080	17,526	17,542	17,557	17,572	17,588	17,603	17,618	17,633	17,649	17,664
1090	17,679	17,694	17,710	17,725	17,740	17,755	17,771	17,786	17,801	17,816
1100	17,831	17,847	17,862	17,877	17,892	17,907	17,923	17,938	17,953	17,968
1110	17,983	17,998	18,013	18,029	18,044	18,059	18,074	18,089	18,104	18,119
1120	18,134	18,149	18,165	18,180	18,195	18,210	18,225	18,240	18,255	18,270
1130	18,285	18,300	18,315	18,330	18,345	18,360	18,375	18,390	18,405	18,420
1140	18,435	18,450	18,465	18,480	18,495	18,510	18,525	18,540	18,555	18,570
1150	18,585	18,600	18,615	18,630	18,645	18,660	18,675	18,689	18,704	18,719

Продолжение табл. 3

Т. э. д. с., мВ, для температуры, °С

Температура рабочего конца, °С	0	1	2	3	4	5	6	7	8	9
1160	18,734	18,749	18,764	18,779	18,794	18,809	18,823	18,838	18,853	18,868
1170	18,883	18,898	18,912	18,927	18,942	18,957	18,972	18,987	19,001	19,016
1180	19,031	19,046	19,061	19,075	19,090	19,105	19,120	19,134	19,149	19,164
1190	19,179	19,193	19,208	19,223	19,238	19,252	19,267	19,282	19,296	19,311
1200	19,326	19,340	19,355	19,370	19,384	19,399	19,414	19,428	19,443	19,458
1210	19,472	19,487	19,502	19,516	19,531	19,545	19,560	19,575	19,589	19,604
1220	19,618	19,633	19,648	19,662	19,677	19,691	19,706	19,720	19,735	19,750
1230	19,764	19,779	19,793	19,808	19,822	19,837	19,851	19,866	19,880	19,895
1240	19,909	19,924	19,938	19,953	19,967	19,981	19,996	20,010	20,025	20,039
1250	20,054	20,068	20,083	20,097	20,111	20,126	20,140	20,155	20,169	20,183
1260	20,198	20,212	20,227	20,241	20,255	20,270	20,284	20,298	20,313	20,327
1270	20,341	20,356	20,370	20,384	20,399	20,413	20,427	20,442	20,456	20,470
1280	20,484	20,499	20,513	20,527	20,542	20,556	20,570	20,584	20,599	20,613
1290	20,627	20,641	20,655	20,670	20,684	20,698	20,712	20,727	20,741	20,755
1300	20,769	20,783	20,797	20,812	20,826	20,840	20,854	20,868	20,882	20,897
1310	20,911	20,925	20,939	20,953	20,967	20,981	20,995	21,009	21,024	21,038
1320	21,052	21,066	21,080	21,094	21,108	21,122	21,136	21,150	21,164	21,178
1330	21,192	21,206	21,220	21,234	21,248	21,262	21,277	21,291	21,305	21,319
1340	21,332	21,346	21,360	21,374	21,388	21,402	21,416	21,430	21,444	21,458
1350	21,472	21,486	21,500	21,514	21,528	21,542	21,556	21,570	21,583	21,597
1360	21,611	21,625	21,639	21,653	21,667	21,681	21,695	21,708	21,722	21,736
1370	21,750	21,764	21,778	21,791	21,805	21,819	21,833	21,847	21,861	21,874
1380	21,888	21,902	21,916	21,929	21,943	21,957	21,971	21,985	21,998	22,012
1390	22,026	22,040	22,053	22,067	22,081	22,095	22,108	22,122	22,136	22,149
1400	22,163	22,177	22,190	22,204	22,218	22,232	22,245	22,259	22,273	22,286
1410	22,300	22,313	22,327	22,341	22,354	22,368	22,382	22,395	22,409	22,423
1420	22,436	22,450	22,463	22,477	22,490	22,504	22,518	22,531	22,545	22,558
1430	22,572	22,585	22,599	22,613	22,626	22,640	22,653	22,667	22,680	22,694
1440	22,707	22,721	22,734	22,748	22,761	22,775	22,788	22,802	22,815	22,829
1450	22,842	22,856	22,869	22,883	22,896	22,909	22,923	22,936	22,950	22,963
1460	22,977	22,990	23,003	23,017	23,030	23,044	23,057	23,070	23,084	23,097
1470	23,110	23,124	23,137	23,151	23,164	23,177	23,191	23,204	23,217	23,231

Тип ТВР

Номинальная статическая характеристика преобразования ВР (А)-З

Т. э. д. с., мВ, для температуры, °С

Температура рабочего конца, °С	0	1	2	3	4	5	6	7	8	9
0	0,000	0,012	0,023	0,035	0,047	0,059	0,071	0,083	0,095	0,106
10	0,119	0,131	0,143	0,155	0,167	0,179	0,191	0,204	0,216	0,228
20	0,240	0,253	0,265	0,278	0,290	0,303	0,315	0,328	0,340	0,353
30	0,366	0,378	0,391	0,404	0,417	0,429	0,442	0,455	0,468	0,481
40	0,494	0,507	0,520	0,533	0,546	0,559	0,572	0,585	0,599	0,612
50	0,625	0,638	0,652	0,665	0,678	0,692	0,705	0,718	0,732	0,745
60	0,759	0,772	0,786	0,800	0,813	0,827	0,840	0,854	0,868	0,882
70	0,895	0,909	0,923	0,937	0,951	0,964	0,978	0,992	1,006	1,020
80	1,034	1,048	1,062	1,076	1,090	1,104	1,119	1,133	1,147	1,161
90	1,175	1,189	1,204	1,218	1,232	1,247	1,261	1,275	1,290	1,304
100	1,318	1,333	1,347	1,362	1,376	1,391	1,405	1,420	1,434	1,449
110	1,464	1,478	1,493	1,508	1,522	1,537	1,552	1,566	1,581	1,596
120	1,611	1,626	1,640	1,655	1,670	1,685	1,700	1,715	1,730	1,745
130	1,760	1,775	1,790	1,805	1,820	1,835	1,850	1,865	1,880	1,895
140	1,910	1,925	1,940	1,956	1,971	1,986	2,001	2,016	2,032	2,047
150	2,062	2,077	2,093	2,108	2,123	2,139	2,154	2,169	2,185	2,200
160	2,216	2,231	2,246	2,262	2,277	2,293	2,308	2,324	2,339	2,355
170	2,370	2,386	2,401	2,417	2,433	2,448	2,464	2,479	2,495	2,511
180	2,526	2,542	2,558	2,573	2,589	2,605	2,621	2,636	2,652	2,668
190	2,684	2,699	2,715	2,731	2,747	2,763	2,778	2,794	2,810	2,826
200	2,842	2,858	2,874	2,890	2,905	2,921	2,937	2,953	2,969	2,985
210	3,001	3,017	3,033	3,049	3,065	3,081	3,097	3,113	3,129	3,145
220	3,161	3,177	3,194	3,210	3,226	3,242	3,258	3,274	3,290	3,306
230	3,322	3,339	3,355	3,371	3,387	3,403	3,419	3,436	3,452	3,468
240	3,484	3,501	3,517	3,533	3,549	3,566	3,582	3,598	3,614	3,631
250	3,647	3,663	3,680	3,696	3,712	3,729	3,745	3,761	3,778	3,794
260	3,810	3,827	3,843	3,859	3,876	3,892	3,908	3,925	3,941	3,958
270	3,974	3,991	4,007	4,023	4,040	4,056	4,073	4,089	4,106	4,122

Температура рабочего конца, °С	Т. э. д. с., мВ, для температуры, °С									
	0	1	2	3	4	5	6	7	8	9
280	4,139	4,155	4,172	4,188	4,205	4,221	4,238	4,254	4,271	4,287
290	4,304	4,320	4,337	4,353	4,370	4,386	4,403	4,419	4,436	4,452
300	4,469	4,486	4,502	4,519	4,535	4,552	4,569	4,585	4,602	4,618
310	4,635	4,652	4,668	4,685	4,701	4,718	4,735	4,751	4,768	4,785
320	4,801	4,818	4,835	4,851	4,868	4,885	4,901	4,918	4,935	4,951
330	4,968	4,985	5,001	5,018	5,035	5,051	5,068	5,085	5,101	5,118
340	5,135	5,152	5,168	5,185	5,202	5,218	5,235	5,252	5,269	5,285
350	5,302	5,319	5,336	5,352	5,369	5,386	5,403	5,419	5,436	5,453
360	5,470	5,486	5,503	5,520	5,537	5,553	5,570	5,587	5,604	5,620
370	5,637	5,654	5,671	5,688	5,704	5,721	5,738	5,755	5,772	5,788
380	5,805	5,822	5,839	5,856	5,872	5,889	5,906	5,923	5,940	5,956
390	5,973	5,990	6,007	6,024	6,040	6,057	6,074	6,091	6,108	6,125
400	6,141	6,158	6,175	6,192	6,209	6,226	6,242	6,259	6,276	6,293
410	6,310	6,327	6,343	6,360	6,377	6,394	6,411	6,428	6,444	6,461
420	6,478	6,495	6,512	6,529	6,545	6,562	6,579	6,596	6,613	6,630
430	6,647	6,663	6,680	6,697	6,714	6,731	6,748	6,764	6,781	6,798
440	6,815	6,832	6,849	6,866	6,882	6,899	6,916	6,933	6,950	6,967
450	6,984	7,000	7,017	7,034	7,051	7,068	7,085	7,102	7,118	7,135
460	7,152	7,169	7,186	7,203	7,220	7,236	7,253	7,270	7,287	7,304
470	7,321	7,338	7,354	7,371	7,388	7,405	7,422	7,439	7,455	7,472
480	7,489	7,506	7,523	7,540	7,557	7,573	7,590	7,607	7,624	7,641
490	7,658	7,675	7,691	7,708	7,725	7,742	7,759	7,776	7,792	7,809
500	7,826	7,843	7,860	7,877	7,893	7,910	7,927	7,944	7,961	7,978
510	7,995	8,011	8,028	8,045	8,062	8,079	8,095	8,112	8,129	8,146
520	8,163	8,180	8,196	8,213	8,230	8,247	8,264	8,281	8,297	8,314
530	8,331	8,348	8,365	8,381	8,398	8,415	8,432	8,449	8,466	8,482
540	8,499	8,516	8,533	8,550	8,566	8,583	8,600	8,617	8,634	8,650
550	8,667	8,684	8,701	8,718	8,734	8,751	8,768	8,785	8,801	8,818
560	8,835	8,852	8,869	8,885	8,902	8,919	8,936	8,952	8,969	8,986
570	9,003	9,020	9,036	9,053	9,070	9,087	9,103	9,120	9,137	9,154
580	9,170	9,187	9,204	9,221	9,237	9,254	9,271	9,288	9,304	9,321

Продолжение табл. 4

Температура рабочего конца, °С	Т. э. д. с., мВ, для температуры, °С									
	0	1	2	3	4	5	6	7	8	9
590	9,338	9,355	9,371	9,388	9,405	9,422	9,438	9,455	9,472	9,488
600	9,505	9,522	9,539	9,555	9,572	9,589	9,605	9,622	9,639	9,655
610	9,672	9,689	9,706	9,722	9,739	9,756	9,772	9,789	9,806	9,823
620	9,839	9,856	9,873	9,889	9,906	9,923	9,939	9,956	9,973	9,989
630	10,006	10,023	10,039	10,056	10,073	10,089	10,106	10,123	10,139	10,156
640	10,173	10,189	10,206	10,222	10,239	10,256	10,272	10,289	10,306	10,322
650	10,339	10,356	10,372	10,389	10,405	10,422	10,439	10,455	10,472	10,488
660	10,505	10,522	10,538	10,555	10,571	10,588	10,605	10,621	10,638	10,654
670	10,671	10,688	10,704	10,721	10,737	10,754	10,770	10,787	10,804	10,820
680	10,837	10,853	10,870	10,886	10,903	10,919	10,936	10,953	10,969	10,986
690	11,002	11,019	11,035	11,052	11,068	11,085	11,101	11,118	11,134	11,151
700	11,167	11,184	11,200	11,217	11,233	11,250	11,266	11,283	11,299	11,316
710	11,332	11,349	11,365	11,382	11,398	11,415	11,431	11,448	11,464	11,481
720	11,497	11,514	11,530	11,546	11,563	11,579	11,596	11,612	11,629	11,645
730	11,662	11,678	11,694	11,711	11,727	11,744	11,760	11,777	11,793	11,809
740	11,826	11,842	11,859	11,875	11,891	11,908	11,924	11,941	11,957	11,973
750	11,990	12,006	12,022	12,039	12,055	12,072	12,088	12,104	12,121	12,137
760	12,153	12,170	12,186	12,202	12,219	12,235	12,251	12,268	12,284	12,300
770	12,317	12,333	12,349	12,366	12,382	12,398	12,415	12,431	12,447	12,463
780	12,480	12,496	12,512	12,529	12,545	12,561	12,577	12,594	12,610	12,626
790	12,642	12,659	12,675	12,691	12,707	12,724	12,740	12,756	12,772	12,789
800	12,805	12,821	12,837	12,854	12,870	12,886	12,902	12,918	12,935	12,951
810	12,967	12,983	12,999	13,016	13,032	13,048	13,064	13,080	13,096	13,113
820	13,129	13,145	13,161	13,177	13,193	13,210	13,226	13,242	13,258	13,274
830	13,290	13,306	13,322	13,339	13,355	13,371	13,387	13,403	13,419	13,435
840	13,451	13,467	13,483	13,500	13,516	13,532	13,548	13,564	13,580	13,596
850	13,612	13,628	13,644	13,660	13,676	13,692	13,708	13,724	13,740	13,756
860	13,772	13,789	13,805	13,821	13,837	13,853	13,869	13,885	13,901	13,917
870	13,933	13,949	13,965	13,980	13,996	14,012	14,028	14,044	14,060	14,076
880	14,092	14,108	14,124	14,140	14,156	14,172	14,188	14,204	14,220	14,236
890	14,252	14,267	14,283	14,299	14,315	14,331	14,347	14,363	14,379	14,395

Температура рабочего конца, °С	Т. э. д. с., мВ, для температуры, °С									
	0	1	2	3	4	5	6	7	8	9
900	14,410	14,426	14,442	14,458	14,474	14,490	14,506	14,522	14,537	14,553
910	14,569	14,585	14,601	14,617	14,632	14,648	14,664	14,680	14,696	14,711
920	14,727	14,743	14,759	14,775	14,790	14,806	14,822	14,838	14,853	14,869
930	14,885	14,901	14,916	14,932	14,948	14,964	14,979	14,995	15,011	15,027
940	15,042	15,058	15,074	15,089	15,105	15,121	15,137	15,152	15,168	15,184
950	15,199	15,215	15,231	15,246	15,262	15,278	15,293	15,309	15,325	15,340
960	15,356	15,371	15,387	15,403	15,418	15,434	15,450	15,465	15,481	15,496
970	15,512	15,528	15,543	15,559	15,574	15,590	15,605	15,621	15,637	15,652
980	15,668	15,683	15,699	15,714	15,730	15,745	15,761	15,776	15,792	15,807
990	15,823	15,838	15,854	15,869	15,885	15,900	15,916	15,931	15,947	15,962
1000	15,978	15,993	16,009	16,024	16,040	16,055	16,070	16,086	16,101	16,117
1010	16,132	16,148	16,163	16,178	16,194	16,209	16,225	16,240	16,255	16,271
1020	16,286	16,302	16,317	16,332	16,348	16,363	16,378	16,394	16,409	16,424
1030	16,440	16,455	16,470	16,486	16,501	16,516	16,532	16,547	16,562	16,577
1040	16,593	16,608	16,623	16,638	16,654	16,669	16,684	16,700	16,715	16,730
1050	16,745	16,760	16,776	16,791	16,806	16,821	16,837	16,852	16,867	16,882
1060	16,897	16,913	16,928	16,943	16,958	16,973	16,988	17,004	17,019	17,034
1070	17,049	17,064	17,079	17,094	17,110	17,125	17,140	17,155	17,170	17,185
1080	17,200	17,215	17,230	17,245	17,261	17,276	17,291	17,306	17,321	17,336
1090	17,351	17,366	17,381	17,396	17,411	17,426	17,441	17,456	17,471	17,486
1100	17,501	17,516	17,531	17,546	17,561	17,576	17,591	17,606	17,621	17,636
1110	17,651	17,666	17,681	17,696	17,711	17,726	17,740	17,755	17,770	17,785
1120	17,800	17,815	17,830	17,845	17,860	17,875	17,889	17,904	17,919	17,934
1130	17,949	17,964	17,979	17,993	18,008	18,023	18,038	18,053	18,068	18,082
1140	18,097	18,112	18,127	18,142	18,156	18,171	18,186	18,201	18,215	18,230
1150	18,245	18,260	18,274	18,289	18,304	18,319	18,333	18,348	18,363	18,378
1160	18,392	18,407	18,422	18,436	18,451	18,466	18,480	18,495	18,510	18,524
1170	18,539	18,554	18,568	18,583	18,598	18,612	18,627	18,642	18,656	18,671
1180	18,685	18,700	18,715	18,729	18,744	18,758	18,773	18,787	18,802	18,817
1190	18,831	18,846	18,860	18,875	18,889	18,904	18,918	18,933	18,947	18,962
1200	18,976	18,991	19,005	19,020	19,034	19,049	19,063	19,078	19,092	19,107

