

# Characteristic LM235Z

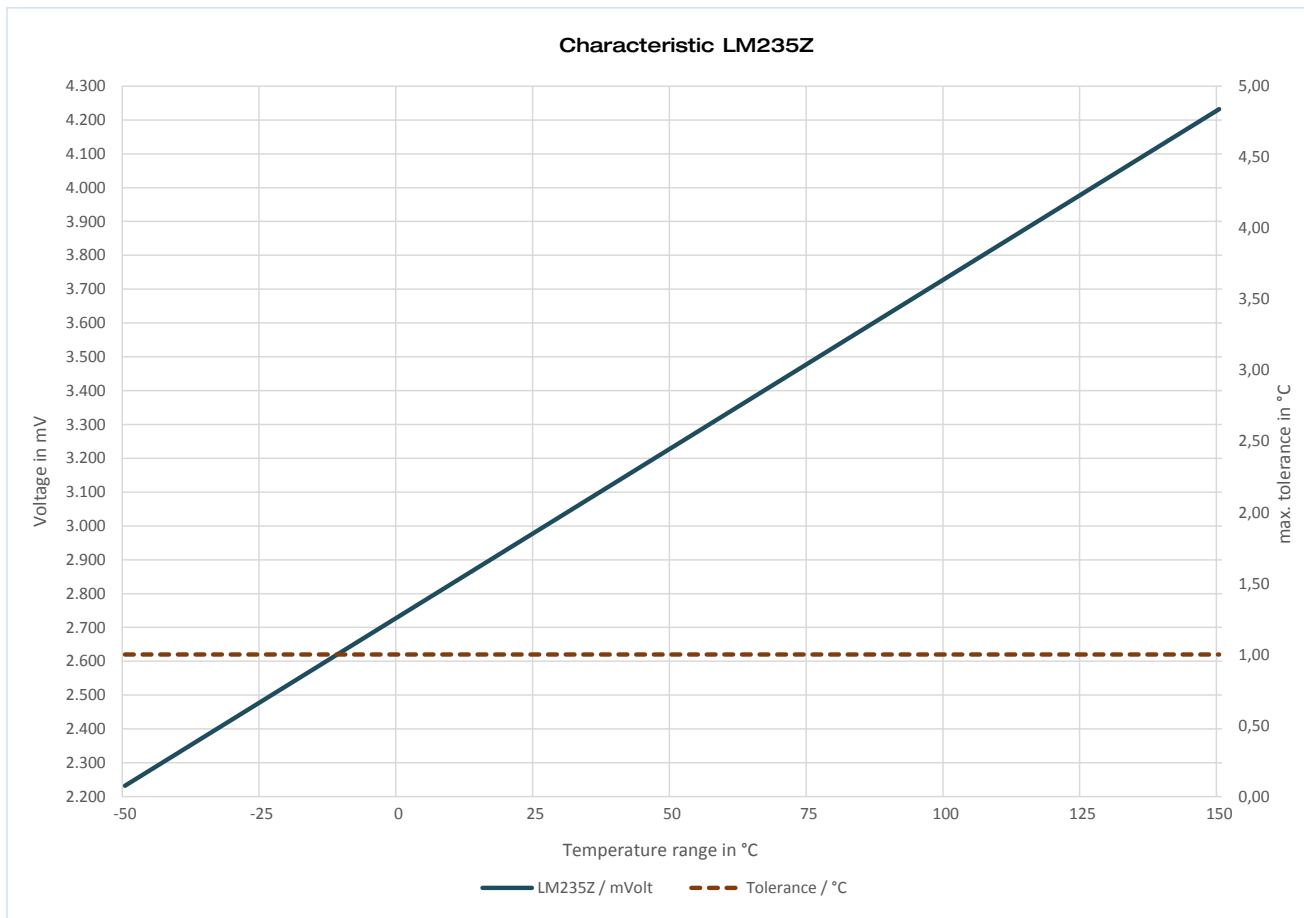
## Measuring range -50 °C to +150 °C

**Example values @ +25 °C**

± 1,0 °C

T °C	U mV	Max. tol. ± in °C*	T °C	U mV	Max. tol. ± in °C*	T °C	U mV	Max. tol. ± in °C*	T °C	U mV	Max. tol. ± in °C*	T °C	U mV	Max. tol. ± in °C*
-50	2.232	1	-9	2.642	1	32	3.052	1	73	3.462	1	114	3.872	1
-49	2.242	1	-8	2.652	1	33	3.062	1	74	3.472	1	115	3.882	1
-48	2.252	1	-7	2.662	1	34	3.072	1	75	3.482	1	116	3.892	1
-47	2.262	1	-6	2.672	1	35	3.082	1	76	3.492	1	117	3.902	1
-46	2.272	1	-5	2.682	1	36	3.092	1	77	3.502	1	118	3.912	1
-45	2.282	1	-4	2.692	1	37	3.102	1	78	3.512	1	119	3.922	1
-44	2.292	1	-3	2.702	1	38	3.112	1	79	3.522	1	120	3.932	1
-43	2.302	1	-2	2.712	1	39	3.122	1	80	3.532	1	121	3.942	1
-42	2.312	1	-1	2.722	1	40	3.132	1	81	3.542	1	122	3.952	1
-41	2.322	1	0	2.732	1	41	3.142	1	82	3.552	1	123	3.962	1
-40	2.332	1	1	2.742	1	42	3.152	1	83	3.562	1	124	3.972	1
-39	2.342	1	2	2.752	1	43	3.162	1	84	3.572	1	125	3.982	1
-38	2.352	1	3	2.762	1	44	3.172	1	85	3.582	1	126	3.992	1
-37	2.362	1	4	2.772	1	45	3.182	1	86	3.592	1	127	4.002	1
-36	2.372	1	5	2.782	1	46	3.192	1	87	3.602	1	128	4.012	1
-35	2.382	1	6	2.792	1	47	3.202	1	88	3.612	1	129	4.022	1
-34	2.392	1	7	2.802	1	48	3.212	1	89	3.622	1	130	4.032	1
-33	2.402	1	8	2.812	1	49	3.222	1	90	3.632	1	131	4.042	1
-32	2.412	1	9	2.822	1	50	3.232	1	91	3.642	1	132	4.052	1
-31	2.422	1	10	2.832	1	51	3.242	1	92	3.652	1	133	4.062	1
-30	2.432	1	11	2.842	1	52	3.252	1	93	3.662	1	134	4.072	1
-29	2.442	1	12	2.852	1	53	3.262	1	94	3.672	1	135	4.082	1
-28	2.452	1	13	2.862	1	54	3.272	1	95	3.682	1	136	4.092	1
-27	2.462	1	14	2.872	1	55	3.282	1	96	3.692	1	137	4.102	1
-26	2.472	1	15	2.882	1	56	3.292	1	97	3.702	1	138	4.112	1
-25	2.482	1	16	2.892	1	57	3.302	1	98	3.712	1	139	4.122	1
-24	2.492	1	17	2.902	1	58	3.312	1	99	3.722	1	140	4.132	1
-23	2.502	1	18	2.912	1	59	3.322	1	100	3.732	1	141	4.142	1
-22	2.512	1	19	2.922	1	60	3.332	1	101	3.742	1	142	4.152	1
-21	2.522	1	20	2.932	1	61	3.342	1	102	3.752	1	143	4.162	1
-20	2.532	1	21	2.942	1	62	3.352	1	103	3.762	1	144	4.172	1
-19	2.542	1	22	2.952	1	63	3.362	1	104	3.772	1	145	4.182	1
-18	2.552	1	23	2.962	1	64	3.372	1	105	3.782	1	146	4.192	1
-17	2.562	1	24	2.972	1	65	3.382	1	106	3.792	1	147	4.202	1
-16	2.572	1	25	2.982	1	66	3.392	1	107	3.802	1	148	4.212	1
-15	2.582	1	26	2.992	1	67	3.402	1	108	3.812	1	149	4.222	1
-14	2.592	1	27	3.002	1	68	3.412	1	109	3.822	1	150	4.232	1
-13	2.602	1	28	3.012	1	69	3.422	1	110	3.832	1			
-12	2.612	1	29	3.022	1	70	3.432	1	111	3.842	1			
-11	2.622	1	30	3.032	1	71	3.442	1	112	3.852	1			
-10	2.632	1	31	3.042	1	72	3.452	1	113	3.862	1			

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**Testo Sensor GmbH**