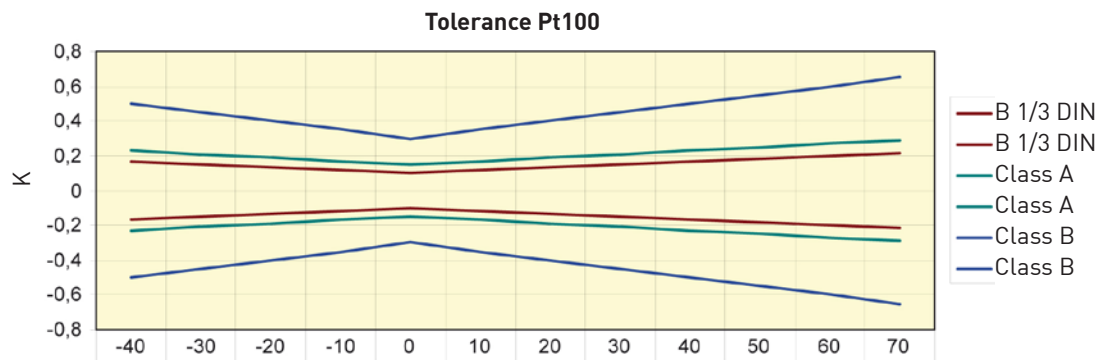


## Tolerance Classes - Platinum Resistance Thermometer (Pt100)

Refers to Pt100 temperature sensors according to DIN EN 60751.

Tolerance Class	Tolerance in K
Class B1/3 DIN	$\pm (0.10K+0.0017x[t])$
Class A	$\pm (0.15K+0.002x[t])$
Class B	$\pm (0.30K+0.005x[t])$
Class 0.5	$\pm (0.50K+0.006x[t])$



	-40°C	-30°C	-20°C	-10°C	0°C	10°C	20°C	30°C	40°C	50°C	60°C	70°C
B 1/3 DIN	0.168	0.151	0.134	0.117	0.1	0.117	0.134	0.151	0.168	0.185	0.202	0.219
B 1/3 DIN	-0.168	-0.151	-0.134	-0.117	-0.1	-0.117	-0.134	-0.151	-0.168	-0.185	-0.202	-0.219
Class A	0.23	0.21	0.19	0.17	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29
Class A	-0.23	-0.21	-0.19	-0.17	-0.15	-0.17	-0.19	-0.21	-0.23	-0.25	-0.27	-0.29
Class B	0.5	0.45	0.4	0.35	0.3	0.35	0.4	0.45	0.5	0.55	0.6	0.65
Class B	-0.5	-0.45	-0.4	-0.35	-0.3	-0.35	-0.4	-0.45	-0.5	-0.55	-0.6	-0.65

Last Modification: 02 April 2014