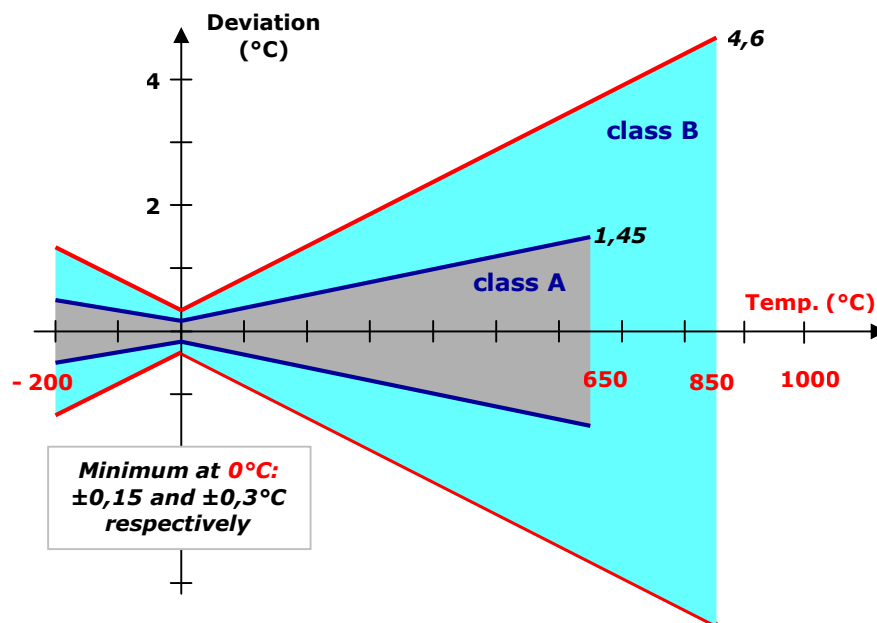


Tolerances for Pt100-detectors according to the IEC 60751 (1995)

Allowed deviations in °C och ohms for the classes A and B

Temperatures	Tolerances			
	Class A		Class B	
[°C]	[±°C]	[± ohms]	[±°C]	[± ohms]
-200	0,55	0,24	1,3	0,56
-100	0,35	0,14	0,8	0,32
0	0,15	0,06	0,3	0,12
100	0,35	0,13	0,8	0,30
200	0,55	0,20	1,3	0,48
300	0,75	0,27	1,8	0,64
400	0,95	0,33	2,3	0,79
500	1,15	0,38	2,8	0,93
600	1,35	0,43	3,3	1,06
650	1,45	0,46	3,6	1,13
700			3,8	1,17
800			4,3	1,28
850			4,6	1,34

Allowed deviations in °C for the classes A and B graphically



The limit lines have the following mathematical forms in °C:

Class A: $0,15 + 0,002 \cdot |t|$

Class B: $0,3 + 0,005 \cdot |t|$

|t| is the positive value of the temperature in °C with no respect to the sign.

The straight lines are symmetric in all directions within class and temperature range.

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