

# BE 2084 Pipe-clamp resistance thermometer

## Sheath

Construction	Adjustable band stainless steel
Material	Stainless Steel contact block, 8 x 8 x 30 mm
Diameter "D"	Customer to specify

## Cable

Teflon insulated flexible tinned copper wire, glass filling, stainless steel braiding, 240°C

## Cable length "K"

Customer to specify

## Sensor

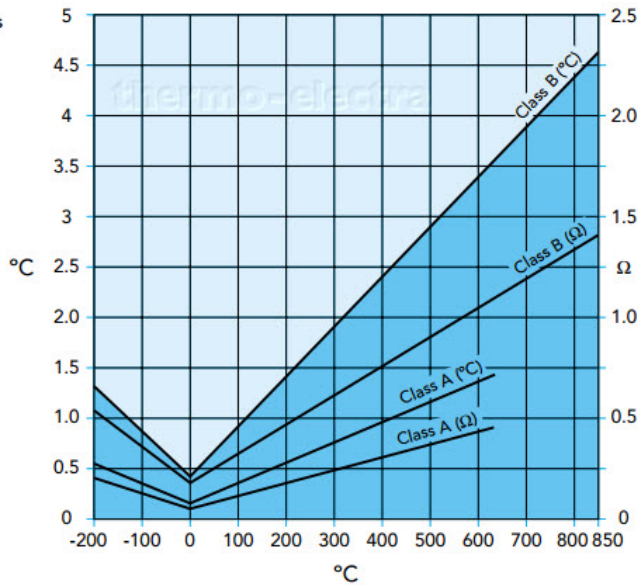
	Single Pt 100: "S"
	Duplex Pt 100: "D"
Accuracy	According IEC 751 class B
Style / Connection	3 wire system ( Optional 4 wire system )
Range	-220 / +240°C
Insulation resistance	Minimum 100Mohm
Testing	Tested at 200 Volt / 20°C



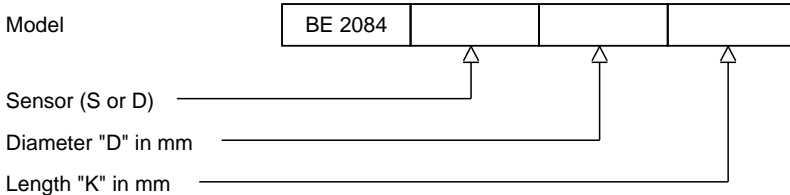
Tolerance values as a function of temperature for 100 Ω thermometers

Tolerances for 100 Ω thermometers

temp °C	class A		class B	
	±°C	±°Ω	±°C	±°Ω
-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	0.80	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
700	-	-	3.8	1.17
800	-	-	4.3	1.28
850	-	-	4.6	1.34



## Ordering code



H2-1 Rev.0 7/07



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