

Sensor material:	Pallaplat pos. branch made of platinum-rhodium neg. branch made of gold-palladium-platinum
Resistance of pallaplat:	30 Ω /m
Resistance of the compensating line:	0,33 Ω /m
min/max temperature in the terminal box:	- 40/+80 °C
min/max operating temperature:	- 25/+200 °C
Measuring variance:	max. \pm 1,5 °C

Electrical data if used in potentially explosive atmospheres:

Type of protection required for category 2 equipment	Ex ia IIC
Power and signal circuits	For connection to certified, intrinsically safe electrical circuit only. L_i negligible C_i negligible
Type of protection required for category 1/2 equipment	Ex ia IIB
Power and signal circuits	For connection to certified, intrinsically safe electrical circuit only. The following maximum values apply to the measuring circuits of probes on a common probe carrier: $U_i = 30V$ $\Sigma I_i = 100mA$ L_i (probe) negligible C_i (probe) negligible The maximum allowable inductance of all inductors in the supply circuits is 11 mH. The maximum allowable capacitance of all capacitors in the supply circuits is 180 nF.
EC type examination:	PTB 03 ATEX 2132 X



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