



designed for scientists



PT 1000.80 Temperature sensor, stainless steel

/// Data Sheet

Made of stainless steel, for use with RCT basic, RET basic and C-MAG HS digital series.

Immersion depth: 150 mm

Diameter: 3 mm

Material: AISI 316 Ti



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Technical Data

Probe type	Immersion probe
Sensor type	PT1000 (DIN IEC 751 Class A)
Accuracy of temperature measurement [K]	$\pm (0,15 + 0,2\% \text{ o.Mv.})$
Response time $t_{9/10}$ [sec]	10
Temperature measuring range [°C]	-10 - +400
Material of probe tube	stainless steel 1.4571
Diameter of probe tube [mm]	3
Length of probe tube [mm]	150
Immersion depth min. [mm]	25
Cable length [mm]	1000
Probe connection	DIN 45322
Weight [kg]	0.028
Permissible ambient temperature [°C]	5 - 40

