



designed for scientists



PT 1000.70 Temperature sensor, glass coated

/// Data Sheet

For use with RCT basic, RET basic and C-MAG HS digital series.

Glass-coated temperature sensor for work with aggressive media such as acid and alkaline solutions.

Depth of immersion: 230 mm

Diameter: 7 mm

Material: borosilicate glass 3.3



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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
Coating of probe tube	glass
Diameter of probe tube [mm]	7
Length of probe tube [mm]	230
Immersion depth min. [mm]	30
Cable length [mm]	1000
Probe connection	DIN 45322
Weight [kg]	0.083
Permissible ambient temperature [°C]	5 - 40