

PT500 ambient temperature sensor (boiler's inlet air) for portable analysers

General Description

PT500 temperature sensor for GA-21plus, GA-40Tplus, GA-60, Photon, maMoS. PT500 temperature sensors can be additionally equipped with appropriate holders. There are two options possible:
 -magnetic holder that can be attached to the metal parts of the boiler
 -cone holder, that allows to immerse the temperature sensor in the boiler's inlet, directly in the air stream.

Technical data

Type of sensor	PT500, 2-wires
Length of cable	300mm (short version), 3000mm (long versions)
Sensor tip material	Stainless steel insulation
Immersion depth	70mm
Diameter of sensor tip	4mm
Operating temperature (sensor tip)	-50°C ÷ +180°C
Operating temperature (cable)	-50°C ÷ +120°C
Storing temperature	-50°C ÷ +60°C
Time constant (T90)	~10s (in water)
Accuracy class (according to EN0751)	B
Electric plug type	3-pin, male, Binder 712 series or equivalent

Drawings

All dimensions in [mm]

