

**Electrically Aspirated Thermometer by
Frankenberger**

for precise measurement of air temperature.

- Double radiation screen against global- and reflected radiation.
- Radiation protective tubes chrome plated and heat insulated against each other and against thermometer holder by plastic rings.
- Ventilation unit for continuous flow speed at sensor approx. 3.5 m/s.
- Housing material: Anodised aluminium, with additional protective coating.

Models :

2010.1000	24 V AC	Version
2010.2000	12 V DC	Version
2010.3000	230 V AC	Version
2010.4000	24 V DC	Version
2010.4100	Sensor w. guaranteed characteristic within -20...+40°C	
2010.4110	with plug connection	

Specifications :

Sensor:	Platinum resistance thermometer Pt 100, DIN 60751 B 1/3 tolerance (± 0.1 K at 0°C)
Measuring cable:	4 x 0.5 mm ² , screened, 5 m length
Power supply:	24 V AC, approx. 110 mA resp. 12 V DC, approx. 40 mA resp. 230 V AC, approx. 160 mA resp. 24 V DC, approx. 100 mA
Power plug:	Plastic, 7 pin, sealed to IP 67
Fastening:	Cross arm with clamp
Dimensions:	max. \varnothing 173 mm, height 470 mm
Weight:	approx. 2.4 kg

