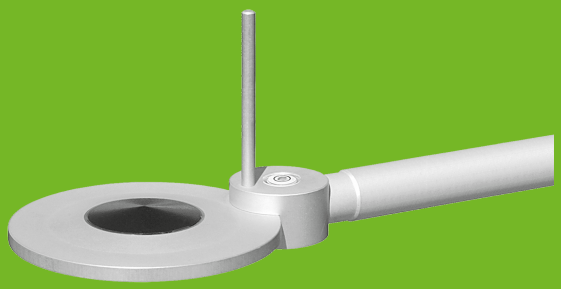
PRODUCT-VIEW

LAMBRECHT meteo

AN aem BRAND

16123 NETTO-RADIOMETER

ANALOG OUTPUT



Small, light, robust

Design and progress are united in this revolutionary and futuristic-looking radiometer to create an ingenious and highly reliable measuring system. Maintenance-free, conic and tefloncoated sensor elements make the constructive abandonment of housing and glass dome possible. The vertical metal rod prevents soiling by landing birds.

- small, light, robust
- highly precise evaluation of radiation balance within a wide wave length range
- thermopile measuring principle
- high quality materials guarantee long-term stability and resistance to weathering
- analogous signal output
- factory test certificate included (DIN 10204),

APPLICATIONS

- agricultural meteorology
- building physics (comfort analysis)
- roadcondition
- monitoring

Professional Line	16123
Id-No.	00.16123.100000
Measuring range	-2000...+2000 W/m^2 • radiation balance within a range of 0.2...100 µm
Sensitivity	10 µV/ W/m^2 (nominal) • temperature dependance: -0.1 %/ °C (typically)
Response time	< 60 s (95 %)
Directional error	< 3 % at 0...60° angle of incidence at 1000 W/m^2 • sensor asymmetry < 15 %
Non-linearity	< 1 %
Range of application	temperatures -30...+70 °C
Measuring elements	thermopiles • conic, teflon coated absorber (without glass dome)
Dimensions	Ø 80 mm • supporting arm L 800 mm • Ø 20 mm • cable length 15 m
Weight	approx. 0.5 kg
Included in delivery	certificate for sensitivity

As of: 23.10.2022