PRODUCT-VIEW

LAMBRECHT meteo

AN aem BRAND

16106 PYRANOMETER



Excellent function and precision

Become delighted by this new pyranometer. Due to selected silicon transducers an excellent function and precision will be realised. Box level is already integrated, so adjustment is very easy to be done by knurled screws.

- Measuring range 0...1400 W/m^2
- Output signal 0...50 mV (passive)
- Protection class IP 67
- Ready to use with an integrated box level
- Easy and fast levelling/mounting due to fixation with integrated knurled scew

APPLICATIONS

- Routine measurements
- Agricultural measuring stations
- Environmental measuring stations
- Photovoltaic (monitoring and site determination)

Professional Line	16106
Id-No.	00.16106.000000 · Version 00.16106.000080 (0...10 V)
Measuring range	Irradiance 0...1400 W/m^2
Accuracy	4 % at 1000 W/m^2 at 22 °C (against Secondary Standard Pyranometer)
Response time	1 sec.
Spectral response	350...1100 nm
Output	Analog (passive out) 0...50 mV = 0...1400 W/m^2
Range of application	temperatures -40...+60 °C
Supply voltage	Version 00.16106.000080: 12...24 VDC · short circuit, inverse polarity and over-voltage protected up to U
Current consumption	Version 00.16106.000080: typical 7 mA
Dimensions	Ø 80 mm · H 46 mm
Housing	Aluminium/ABS
Protection class	IP67
Weight	approx. 150 g
Cable	2 m · PUR-cable, UV- and heat resistant up to 90 °C, UL approved
Options (order separately)	00.08763.055002 (8763 S) Two-channel transducer for radiometer

As of: 29.03.2024