

RADIATION

Pyranometer SMP 6

Part number: 7.1415.02.441

The WMO-recommended measuring value transmitter meets the ISO 9060 –classification “First class“ Adjustable feet and a level allow an easy horizon-adjustment. Delivery includes calibration certificate



Specification

Part number: 7.1415.02.441

Radiation	
Spectral range	310 ... 2800 nm
Non-linearity	<1 % @ 100 ... 1000 W/m ²
Response time	<6 sec @ 63 % vom Endwert <18 sec @ 95 % vom Endwert
Sensor type	Thermopile
Data output digital	
Output type	2-wire RS485 (MODBUS RTU)
Output range	-400 ... 4000 W/m ²
Data output analog	
Output type	4 ... 20 mA
Output range	0 ... 1600 W/m ²
General	
Power supply	5 ... 30 VDC
Ambient temp.	-40 ... +80 °C
Electr. connection	plug with 10 m cable
Protection	IP 67
Dimension	Ø 150 x 92 mm
Weight	0.9 kg


Versions

No other versions of this product are available.

Accessories

Product	Product name	Brief description
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	Traverse 0,8 m 4.3171.40.002	For mounting of a Pyranometer CMP11 / 6 / 3 And a sunshine duration sensor-CSD3 onto a mast.
General		
Clamping range		Ø 48 ... 102 mm
Sensor distance		0.4 / 0.8 m from mast
Material		Aluminium / Stainless steel
Weight		1 kg
	Hanger 1 m (for radiation sensors) 4.3185.xx.009	The hanger is used for laterally mounting of a radiation- or brightness transmitter onto a mast.
General		
Length		1 m
Material		Aluminium
Tube diameter		Ø 50 mm
Weight		1.8 kg
	Adapter Compact 506345	The adapter serves for mounting a radiation transmitter, baro transmitter or brightness transmitter onto a traverse (4.3171.30.000, 4.3171.40.000) or holder (506 347).
General		
Material		Aluminium, anodized
Dimension		100 x 115 x 65 mm
Weight		0.5 kg
	Adapter Compact 0 ... 90° adjustable 508850	The adapter serves for mounting a radiation transmitter, baro transmitter or brightness transmitter onto a traverse (4.3171.30.000, 4.3171.40.000) or holder (506 347).
General		
Material		Aluminium, anodized
Dimension		100 x 115 x 65 mm
Weight		0.5 kg
Function		0 ... 90° adjustable

