

Kipp & Zonen Pyranometer CMP Series

Order-No: P 6341 CMP 3

Measuring value transmitter for the determination of global radiation. Possible application as albedometer

- Classified according to: Second Class, WMO & ISO 9060
- Response time (95%) 18s
- Measuring range 0 - 2000 W/m²
- Sensitivity 5 - 20 μ V/W/m²
- Spectral range 300 to 2800 nm
- Non-linearity 2.5 % (0 - 1000 W/m²)
- Internal resistance 20 - 200 Ohm
- Time constant 18s bei 95%
- Sensor type 64 thermo couples
- Ambient temp. - 40 to + 80°C
- Cable 10 m long
- Dimensions \varnothing 110 x 68 mm, weight 0.35 kg
- Delivery includes calibration certificate



Order-No: P 6342 CMP 6

Measuring value transmitter for the determination of global radiation. Possible application as albedometer

- Classified according to: First Class, WMO & ISO 9060
- Easy to adjust horizontally due to adjustable feet and a level
- Response time (95%) 18s
- Measuring range 0 - 2000 W/m²
- Sensitivity 5 -20 μ V/W/m²
- Spectral range 285 to 2800 nm
- Non-linearity 1 % (0 - 1000 W/m²)
- Internal resistance 20 - 200 Ohm
- Time constant 1/e 4s; 99% 55s
- Sensor type 64 thermo couples
- Ambient temp. - 40 to + 80°C
- Cable 10 m long
- Dimensions \varnothing 150 x 92 mm, weight 0.85 kg
- Delivery includes calibration certificate



Kipp & Zonen Pyranometer CMP Series

Order-No: P 6343 CMP 11

WMO recommended value transmitter for the determination of global radiation.
Applicable as reference instrument due to its measurement precision.

- Classified according to: Secondary Standard, WMO & ISO 9060
- Easy to adjust horizontally due to adjustable feet and a level
- Response time (95%) 5s
- Measuring range 0 - 4000 W/m²
- Sensitivity 7 - 14 $\mu\text{V}/\text{W}/\text{m}^2$
- Spectral range 285 to 2800
- Non-linearity $\pm 0.2\%$ (0 - 1000 W/m²)
- Internal resistance 10 - 100 Ohm
- Time constant 1/e 4s; 99% 24s
- Ambient temp. - 40 to + 80°C
- Sensor type 100 thermo couples
- Cable 10 m long
- Dimensions $\varnothing 150 \times 92$ mm, weight 0.85 kg
- Delivery includes calibration certificate



Manufacturer: Kipp & Zonen