



# TERMOD

## SOMOS LA PLATA



### **Kipp & Zonen Piranómetro CMP6**

# de producto:

0362900

CLP Precio:

Contacto Termodinámica

The CMP6 pyranometer is intended for routine global solar radiation measurement research on a plane/level surface. Fully compliant with ISO 9060:2018 specification for a Spectrally Flat Class B, the CMP6 features a sixty-four thermocouple junction (series connected) sensing element.

The sensing element is coated with a highly stable carbon based non-organic coating, which delivers excellent spectral absorption and long-term stability characteristics.

CMP6 has a similar detector to the CMP3 but has improved performance due to the increased thermal mass and the double glass dome construction.

It is ideal for cost-effective, good quality measurements in hydrological networks and agriculture. The integral bubble level is raised to the top of the housing and can be viewed without removing the redesigned snap-on sun shield, which also covers the connector. The connector with gold-plated contacts allows for easy exchange and re-calibration. The screw-in drying cartridge is easy to remove and the replacement desiccant is supplied in convenient refill packets.

The Pyranometer does not require a dedicated power supply. It generates a low voltage output in the estimated range of 0 to 30 mV relative to an irradiance measurement range of 0 to 1500 W/m². When a higher voltage level or a 4 to 20 mA signal is required, the AMPBOX is the perfect solution.

**ISO / IEC classification**  
ISO 9060 spectrally flat Class B, with ISO / IEC 17025 calibration.

**Minimized maintenance**  
Best MTBF with 5 years warranty.

**CMP series with the world's largest installed base**  
Well known for high quality, durability and accuracy. The CMP pyranometers require no power, so are ideal for remote sites.

## Especificaciones

|  |  |
|--|--|
| Classification:                                  | Spectrally Flat Class B (ISO 9060:2018)      |
| Directional Response:                            | # ±20 W/m² (up to 80° with 1000 W/m² beam)   |
| Exactitud espectral:                             | 285 to 2800 nm                               |
| Grado de protección IP:                          | IP67   |
| Humedad de operación:                            | 0 to 100%                                    |
| Intervalo de mantenimiento y cartucho de secado: | External, replacement after approx. 6 months |
| Longitud de cable:                               | 10, 25, 50, 100 m                            |
| Material carcasa:                                | Aluminum, anodized                           |
| Non-linearity:                                   | # ±1% (100 to 1000 W/m²)                     |
| Non-stability:                                   | # ±1% (change/year)                          |
| Peso:  | 600 g  |
| Rango de temperatura de operación:               | -40 to +80 °C                                |
| Salidas analógicas:                              | 0 to 30 mV                                   |
| Salidas digitales:                               | n.a.   |
| Saturación irradiación:                          | 2000 W/m² (Max.)                             |
| Sensibilidad:                                    | 5 to 20 µV/W/m² # 4% (-10 to +40 °C)         |
| Temperature Correction:                          | # ±2% (-10 to +40 °C)                        |
| Tiempo de respuesta:                             | # 6 s (63%), 12 s (95%)                      |
| Zero offset A:                                   | # ±8 W/m²                                    |
| Zero offset B:                                   | # ±2 W/m²                                    |