

UV panel meter RM-32



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The mains-driven panel meter RM-32 provides a continuous and precise measurement of irradiance with pre-amplified sensors. The integrated electronics produce a signal voltage that is transmitted to the radiometer, so that interferences are minimized. Different UV and visible spectral ranges, measuring ranges, and output signals can be selected to match the measurement task. The current irradiance is shown on a 3.5-digit digital display. The lamp state with respect to two threshold values is indicated by LEDs. Two relay contacts can be used for switching warning and failure signals. With its optional USB, RS232 or RS485 interface the RM-32 can be used to monitor ultraviolet (UV) irradiance.

Applications:

- Control of light sources and irradiation systems
- Precise measurement of irradiances

RM-32 can be used for example with:



PLC sensors



Water pressure proof sensors UVC-SE

TECHNICAL DATA

Sensor input	0 - 10 V
Alarm threshold	0 - 10 V
Resolution	10 mV
Alarm contacts	2 x 250 V, 1 A
Alarm hysteresis	programmable
Alarm delay	adjustable
Interface	USB, RS232 or RS485
Sensor supply voltage	24 V _{DC} , max. 30 mA
Dimensions	96 x 48 mm DIN 43700
Dimensions	~115 mm
Weight	410 g
Mains	230 V, 50 Hz, 3 W alt 110 V
Operation temperature	0 to 40 °C
Storage temperature	-10 to 40 °C
Humidity	< 80%, non-condensing

PART NUMBERS

RM-32 230 V	670029
RM-32 110 V	670028

SCOPE OF DELIVERY

RM-32, manual