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we apply photonics.

UV Monitor RM-32



Fig. 1: UV Monitor RM-32

The mains-driven display device RM32 serves with the respective sensors for a continuous radiometric control of lamps, especially UV radiators. Different UV and visible spectral ranges can be controlled with the corresponding sensors. The current irradiance is shown on a 3½ digit digital display. The lamp state with respect to a threshold value is indicated by two LED. The two alarms (warning and failure) are available on relay contacts and can be used for switching warning and failure signals.

Applications

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

Technical Data

Alarm threshold:	0-1000 W/m ²
Resolution:	1 W/m ²
Spectral ranges:	UV-C 200 to 280 nm UV-B 280 to 315 nm UV-A 315 to 400 nm VISB 400 to 480 nm VISBG 400 to 570 nm VISL V(λ)
Dimensions:	96 x 48 mm
Depth:	about 115 mm
Weight:	410 g
Mains:	230 VAC, 3 VA
Alarm hysteresis:	programmable
Alarm contacts:	2x 250 V, 1 A
Alarm delay:	adjustable
Operation temp.:	0 to 40 °C
Storage temp.:	-10 to 40 °C
Humidity:	< 80% Non-condensing
Sensor output:	24 VDC / 30 mA
Sensor input:	0 to 10 V

Part numbers

UV monitor RM-32 670010
(Measuring device without sensor)

For sensors see product sheets:

- Pressurized water UV sensors (UVC-SE +24VDC)
- PLC UV/VIS sensors (+24VDC, 10V)

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