

simple to use:

cost efficient - easy handling



Features

- ⇒ monitoring of relative UV-intensity
 - via ZED UV-photodiode sensors
 - 110% sensitivity adjustment via potentiometer indicated by sensitivity LED
- ⇒ system status indication via three LED indicators
 - green LED: funktion o.k.
 - yellow LED: pre-alarm
 - red LED: main alarm
- ⇒ system status forwarding
 - relay contact for pre-alarm
 - relay contact for main alarm
- ⇒ front panel mounting with cut out according to DIN

Technical Specification

mains voltage:	230V AC ± 10% /50/60 Hz (115V AC or 24V DC types on request)	operating temperature:	0...40°C	storage temperature range:	-40°C...+70°C
status indication/ thresholds:	3 status LED: green: funktion o.k. (>74%) yellow: pre-alarm (50 - 74%) red: main alarm (<50%) (or customers specification)	operating temperature:	1 sensitivity adjustment LED: green: 110% reference value reached		
connections:	all inputs and outputs via screw terminals (required wire gauge: 0,34...2,5mm ² / AWG 22...14)				
input:	1x UV-photodiode sensor	outputs:	1x main alarm relay 1x pre-alarm relay	potential free relay contacts; resistive connected load: 50...500mA at 24...230V AC; 50...500mA at 5...60V DC	
dimensions (w/h/d): weight:	(96/48/80)mm 250g	mounting:	cut-out according DIN43700 (92 ^{+0,8} x 45 ^{+0,6})		
recommended sensors:	SIC-SV01, SICT001-PG, SIC001(-PG), SIC003(-PG)				

Functions

- display of the relative UV-output with three LED's:
 - ⇒ GREEN: funktion o.k.
 - ⇒ YELLOW: pre-alarm
 - ⇒ RED: main alarm
- potential free relay contacts in accordance with status indication:
 - ⇒ normally closed contact for pre-alarm / main alarm indication
 - ⇒ pin 4 are closed to 5 and pin 7 are closed to pin 8 on normal operation
- multi turn potentiometer for fine adjustment of sensitivity at 110%, shown by a green LED next to the potentiometer at the rear side of the monitor

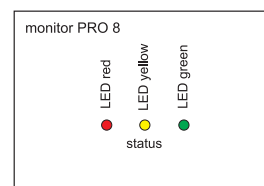
Accessories

Monitor Cover for Protection Level IP65 at Front

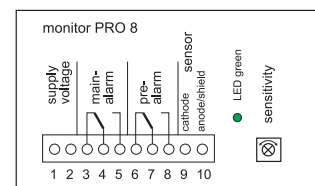


cover for
UV-Monitor PRO8

Wiring diagram



front view



rear view

Note

Attention: Risk of electric shock!

The device must be installed in a closed cabinet, otherwise lethal voltages can be touched by hand. The device has to be installed by authorized staff only to make sure all applicable safety rules are fulfilled.

Please consider the safety instructions in the installation and operating manual.

subject to change

For use in dry environment only!