

established an proven:
basic detection of UV signal



PRO3

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: function o.k.
 - yellow LED: pre-alarm
 - red LED: main alarm
- ⇒ system status forwarding
 - relay contact for main alarm
- ⇒ open frame version for individual mountings

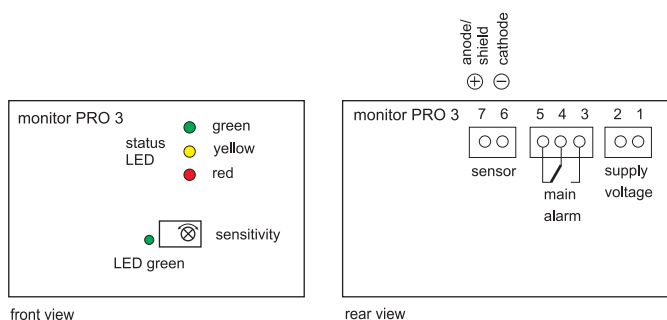
Technical Specification

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: function 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	output:	1x main 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):	(75/49/41)mm	mounting:	4 mounting holes Ø 3,8mm hole center distance: (65 x 38)mm		
weight:	150g				
recommended sensors:	SIC-SV01, SICT001-PG, SIC001(-PG), SIC003(-PG)				

Functions

- display of the relative UV-output with three LED's:
 - ⇒ GREEN: function o.k.
 - ⇒ YELLOW: pre-alarm
 - ⇒ RED: main alarm
- potential free relay contacts in accordance with status indication:
 - ⇒ normally closed contact for main alarm indication
 - ⇒ pin 4 is closed to 3 on normal operation
- multi turn potentiometer for fine adjustment of sensitivity at 110%, shown by a green LED next to the potentiometer

Wiring diagram



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!