

**Overview**

- Reliable detection of fluorescent substances
- Adjustable sensitivity
- Analog output
- 20 ms delay activatable
- Connector rotatable to 5 positions
- Pre-mounted 40 mm lens
- Optional lenses for shorter distances



Picture similar



**Technical data**

**General data**

Type	Luminescence sensor
Sensing distance Tw	30 mm ... 50 mm
Power on indication	LED green
Output indicator	LED yellow
Sensitivity adjustment	Teach-in
Distance to focus	50 mm
Beam type	Line, vertical
Beam height	4 mm
Beam width	15 mm

**Light Source**

Light source	UV LED
Wave length	375 nm

**Electrical data**

Response time / release time	< 0.25 ms
Voltage supply range +Vs	15 VDC ... 30 VDC
Current consumption typ.	50 mA (@ 24 VDC)
Voltage drop Vd	<2 VDC

**Electrical data**

Output function	Light operate
Output circuit	PNP NPN Analog 0,75 ... 5,5 VDC
Output current	100 mA
Short circuit protection	Yes
Reverse polarity protection	Yes

**Mechanical data**

Width / diameter	31.9 mm
Height / length	60.2 mm
Depth	79 mm
Design	Rectangular
Housing material	Aluminum
Front (optics)	Glass
Connection types	Connector M12 5 pin, rotatable

**Ambient conditions**

Protection class	IP 67
Operating temperature	-10 ... +55 °C
Storage temperature	-20 ... +70 °C

