



# Industrial Detectors

## Optical Detection - UniVario UV Flame Detector

### FMX5000 UV



**Part no.: 904702**

UV flame detector for the detection of typical fires. Including UV optic test monitoring all functional characteristics of detector. Designed for use in rough industrial environments and for operation as a conventional detector. Expansion to a detector with Loop AP protocol via KMX5000 AP communication module.

### Product features

- High degree of immunity against false alarms, such as storm, lightning or strong sunlight
- A microcontroller monitors the functionality and analyses the recorded data. Faults can be indicated on the detector or on a separate line
- Service interface, history memory
- Connection of remote indicator possible

### Technical specifications

Detection method	UV sensor
Sensitivity class	1
Viewing angle	90°
Operating voltage	7.6 V - 30 V DC
Quiescent current	approx. 0.25 mA
Alarm current	approx. 15 mA
Alarm indication	1 red LED
Normal operation indication	1 green LED, flashing
Fault indication current	approx. 15 mA
Fault indication	1 yellow LED
Operating temperature	-20 °C to +80 °C (-4 °F to +176 °F)
IP rating (EN 60529)	IP 66/67
Enclosure material	Diecast aluminium
Relative humidity (IEC 721-3-3)	max. 95% no condensation
Specification according to	EN 54 Part 10
Weight	820 g (1.8 lbs)
Dimensions	100 x 50 mm (dia.xH) 3.9 x 2 inch (dia.xH)

### Optional accessories

Remote indicator	908499
Weather protection MX5000 complete	910134
KMX5000 AP communication module	905883
Relay module KMX5000 RK	906361

### Not included in delivery

UniVario base	
Bracket MX5000	904757
Terminating resistor 1.8 K / 0.5 W	675235

### Spare part

Protecting cage	904284
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### Connection / mounting

Connection cable standard detector	2-wire
Additional fault line connection	2-wire
External indication	2-wire
Recommended cable	JY (St) Y 2x2x0.8 mm (0.03 inch)
Conductor cross-section	max. 2.5 mm <sup>2</sup> (AWG 13)

Brand	Designation	Order no.	Approvals / marking
Minimax	FMX5000 UV MX	926628	G 206132            0786-CPR-20286
	FMX5000 UV MX SF (silicone-free)	926629	
Viking	FMX5000 UV VK	926630	G 206132            0786-CPR-20286
	FMX5000 UV VK SF (silicone-free)	926631	