



## Industrial detectors

### Thermal detection - UniVario Heat detectors

#### UniVario WMX5000 single hole



#### Part no.: 905847

The single hole mounted WMX5000 heat detectors are specifically designed for use in dryer and ventilation ducts for the detection of fires with rapid rise in temperature, e.g.:

- Flammable liquids and gases
- Highly flammable plastics

In addition to fixed temperature detection, rapid rises in temperature can also be registered by the rate-of-rise method, for early fire detection. Designed for operation as a conventional detector. Expansion to a detector with Loop AP protocol via KM5000 AP communication module.

#### Technical specifications

Detection method	NTC sensor
Response categories	A1, A2, B, C, D indices S, R
Response temperatures	0 °C to +105 °C (+32 °F to +221 °F)
Operating voltage	7.6 V - 30 V DC
Quiescent current	approx. 0.15 mA
Alarm current consumption	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 (2nd line)
Operating temperature	-40 °C to +80 °C (-40 °F to +176 °F)
IP rating (EN 60529)	IP 66/67
Enclosure material	Diecast aluminum
Relative humidity	max. 95% no condensation
Specification according to	EN 54-5
Weight	580 g (1.3 lbs)
Dimensions	130 x 133 mm (dia. x H) 5.1 x 5.2 inch (dia. x H)

#### Product features

- Robust stainless steel heat sensor, resistant to impact and vibration
- Freely configurable response temperatures and categories in accordance with EN 54-5, along with rate-of-rise and static responses. Configuration via DIP switches on the detector
- Service interface, history memory
- Connection of remote indicator possible

#### Optional accessories

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

#### Not included in delivery

UniVario base	
Single hole mounting fixture	800034
Single hole mounting tool	843474
Terminating resistor 1.8 K / 0.5 W	675235

#### Connection / mounting

Connection cable standard detector	2-wire
Additional fault line connection	2-wire
Remote 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	WMX5000 single hole MX	928371	 G 207090  0786-CPR-20280  APPROVED 
	WMX5000 single hole MX SF (silicone-free)	928372	
Viking	WMX5000 single hole VK	928373	 G 221018  0786-CPR-21766  APPROVED 
	WMX5000 single hole VK SF (silicone-free)	928374	



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#### WMX5000 single hole CN

Version China

Technical specification see part no. 905847

Part no.: 909376

Approvals / marking

