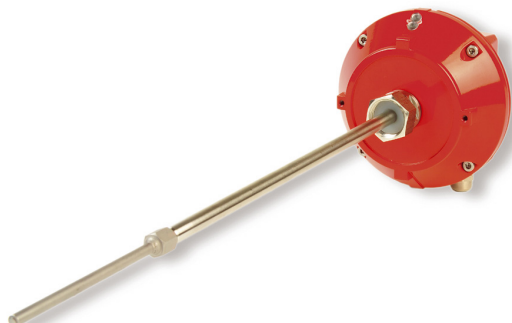




## Industrial detectors

### Thermal detection - UniVario High temperature heat detector FS

#### WMX5000 FS 400°C (752 °F)



#### Part no.: 905505

The WMX5000 FS high temperature heat detectors have been specially designed for operation in industrial environments with aggressive media and very high application temperatures in the monitoring area. For example in exhaust ducts, engine test stands or machine tools. 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 KMX5000 AP communication module.

#### Product features

- Robust stainless steel heat rod sensor
- 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

#### Technical specifications

Detection method	PT1000 sensor
Response categories	A1, A2, B, C, D, E, F, G, indices S, R
Response temperatures	0 °C to +400 °C (+32 °F to +752 °F)
Operating voltage	7.6 V - 30 V DC
Quiescent current	approx. 0.25 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
Sensor rod	150 - 1500 mm 5.1 - 59.1 inch (dia.xH)
Weight	520 - 1600 g (1.2 - 3.5 lbs)
Dimensions	130 x 210 - 130 x 1560 mm 5.1 x 83 - 5.1 x 61.4 inch (dia.xH)

#### Optional accessories

Remote indicator	908499
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)








#### Note

Deviating from the defined standard lengths, the sensor rod can be ordered in lengths of 150 - 1500 mm, see ordering table page 2/2.



## Industrial detectors

### Thermal detection - UniVario High temperature heat detector FS

Brand	Designation	Sensor rod** (mm)	Order no.	Approvals / markings
Minimax	WMX5000 FS L200 MX	200	906401	 G 207091  0786-CPR-20281  
	WMX5000 FS L200 MX SF*		927683	
	WMX5000 FS L400 MX	400	906402	
	WMX5000 FS L400 MX SF*		927700	
	WMX5000 FS L600 MX	600	906403	
	WMX5000 FS L600 MX SF*		927709	
Viking	WMX5000 FS L200 VK	200	927684	 G 221019  0786-CPR-21767 
	WMX5000 FS L200 VK SF*		927685	
	WMX5000 FS L400 VK	400	927701	
	WMX5000 FS L400 VK SF*		927702	
	WMX5000 FS L600 VK	600	927710	
	WMX5000 FS L600 VK SF*		927711	

\* silicone-free

\*\* Variable length 150 - 1500 mm available for order. The length of the sensor rod must be specified in mm when ordering.