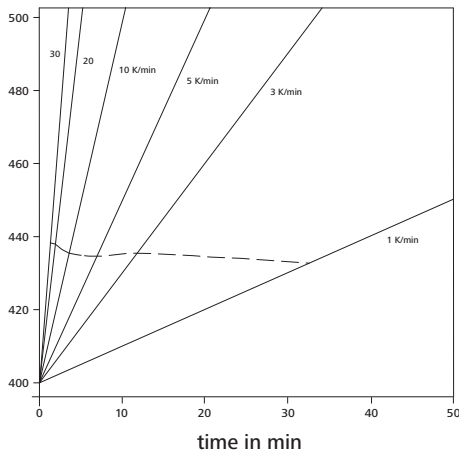
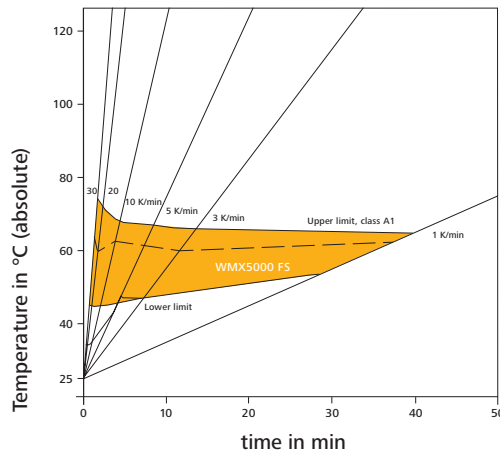


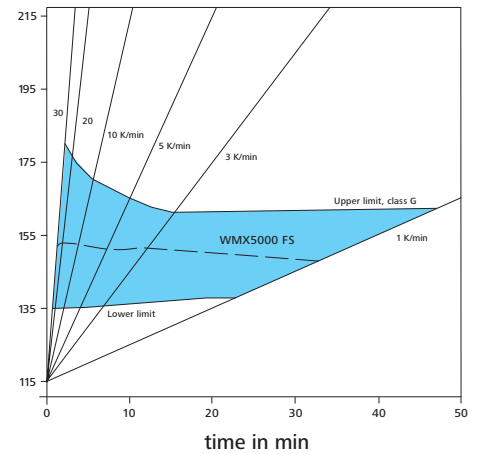
Response behaviour of the UniVario WMX5000 FS at different increases in temperature.



--- WMX5000 FS response behaviour at the threshold temperature of 435 °C



■ Stipulated alarm range according to EN 54-5 class A1
--- WMX5000 FS response behaviour



■ Stipulated alarm range according to EN 54-5 class G
--- WMX5000 FS response behaviour

- ▶ The UniVario WMX5000 FS is an innovative, intelligent fire detector which, thanks to its modular concept, can be tailored to meet the unique demands of individual applications based on a uniform platform.
- ▶ As the first high-temperature heat detector suitable for industrial use, the UniVario WMX5000 FS can be integrated into an Apollo bus system, thanks to the optional UniVario KMX5000 AP communication module. Individual alarm identification and parameterisation is therefore possible.
- ▶ Online temperature display with base UniVario MX5000 LCD.

- ▶ The large range of power supply and an optional module with relay contacts enable the stand-alone mode and application in different danger alarm or control units.
- ▶ Because it requires so little energy, ultra thin cables can be used and many sensors can be placed along one line.
- ▶ Converting from limit mode to ring bus mode can be achieved simply by installation of a communication module – there's no need to switch cables.

- ▶ The protruding thermoelectric alarm sensor can be mounted flexibly or as a sensor rod.
- ▶ The threshold temperatures and differential response can be configured according to your needs.
- ▶ The optional LCD display simplifies the function checks and monitoring operating conditions.
- ▶ A service device to simplify configuration, diagnosis, function checks and data archiving is available.
- ▶ Analysis of the internal history storage by using the UniVarioView service software.

Technical data

Type	Features	Response threshold	Temperature range of operation	Type of protection	External display	Approval
UniVario WMX5000 FS	High-temperature detector Protruding sensor, functions monitored	Response class according to EN 54-5 A1, A2, B, C, D, E, F, G Indices according to EN 54-5 S, R	-20 °C to +80 °C	IP 67	Can be connected	VdS G207091 EN 54-5 class DS, GS
UniVario WMX5000 FS 3GD	Alarm/disturbance and function LED Optional upgrades: - Communication module ring bus - Relay module Can be configured according to your needs Service interface Data storage Power supply 7.6 V to 30 V DC	Adjustable between the alarm temperatures of 0 °C and 400 °C (Special models up to 850 °C) with a service device				ATEX zone 2/22 FM approval applied for (3030832)

Subject to technical modifications