

PUNCTUAL HEAT DETECTION – (UniVario)

Heat Detector WMX5000



Heat Detector WMX5000 FS



UniVARIO - Industrial Temperature Detectors, for any type of application

- They are suitable to be installed indoors and outdoors. Also in extremely dirty, hazardous and explosion risk (ATEX) process areas.
- For applications in zones ATEX has the models 3GD (Zones 2/22) and EX (Zones 1/20/21).
- Equipped with the latest technological advances, they also feature a robust and attractive housing design with IP67 protection.
- Quick and easy to install.
- They can be integrated directly into the loop (with the KMX5000AP communications module), into a conventional detection line or monitored by alarm and fault relays (with the KMX5000RK relay module).
- Great capacity to transmit data for analysis, statistics, maintenance and configuration using the SMX5000 tool.
- Versions of the detector for applications that require the absence of substances (e.g. silicone, Teflon) to ensure high quality in production processes and thus be able to further complete the range.
- Housing versions made of titanium alloy (HR) for extremely aggressive and corrosive environments.
- They have accessories to be installed on ceilings, walls or inside ducts.
- Easy parameter programming using DIP Switch or SMX5000 tool.
- Full range of detectors to complete productivity.

UniVARIO WMX5000

- A thermal and thermovelocimetric heat detector with heat sensor in stainless steel.
- Approved according to EN54-5 classes A1 and A2, depending on the configuration.
- This series of detectors also includes ATEX certified models for use in explosion risk Areas "zones 2/22" and "zones 1/20, 21" ..".
- Programmable temperature between 0° C and 90° C.
- Immune to false alarms by its analysis processor and evaluation algorithms.
- Possibility of installation inside ducts.

UniVARIO WMX5000 FS

- A high-temperature detector with a robust and extendable stainless steel heat sensor.
- The WMX5000 FS heat detector is specially designed to work at temperatures from 0° C to 850° C.
- Its heat sensor allows for simple and flexible installation.
- To microcontroller monitors the function and analysis of temperature values.
- With its sturdy sealed housing, the WMX5000 FS can be used in all kinds of scenarios.
- Optimal results are provided even when subjected to extreme temperature fluctuations, a lot of dirt and aggressive conditions.
- The heat sensor comes in different designs. The alarm temperature behavior and response is programmable, making it suitable for a wide variety of applications.
- The high temperature heat sensor is a unique item, it is approved as a heat detector by VdS and FM.
- This series of detectors also includes ATEX certified models for use in areas with explosion risk "zones 2 / 22" and "zones 1 / 20, 21".



Aprobaciones en todo el mundo: Certificados dependiendo de la variante del detector y el tipo; por ejemplo, VdS, FM, CCC, MOE, CPD, CSFM, ATEX, IECEx, NEC, conformidad con estándares rusos.

Potential areas of application

Warehouses, Production Halls, Paint Shops, Hydraulic Systems, Transformers, Waste Incineration Plants, Printing Machinery, Fuel Tanks, Instrumentation Machines, Exhaust Gas Ducts, Engine Test Benches, Miscellaneous Machines, Semiconductor (Silene) Factories/Chip, Wood Fiber Presses (Heat Tunnels), Chemical Production, Drying Processes, etc..