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## DK 7320.560 CMC III sensors

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ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# DK 7320.560 - CMC III sensors

Monitor various parameters in enclosures or rooms.

## Features

|                                        |                                                                                                                                                                                                      |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model No.                              | DK 7320.560                                                                                                                                                                                          |
| Design                                 | Smoke alarm                                                                                                                                                                                          |
| Product description                    | CMC III sensors are used for monitoring the physical environment and can be connected directly to the PU via a CAN bus connection cable RJ45. The sensors may also be linked together to form a bus. |
| Benefits                               | Fast connection and automatic detection via plug & play<br>Power is supplied via the CAN-BUS interface.                                                                                              |
| Applications                           | Enclosure monitoring in IT, industry and facility management<br>Monitoring of enclosures, rooms and containers in the IT environment                                                                 |
| Function principle                     | Settings can be made via the CMC III Processing Unit<br>The CMC-TC sensor is mounted in the top of the enclosure.<br>The sensor monitors the air in the enclosure for smoke particles.               |
| Material                               | Plastic<br>Front: Smooth<br>Enclosure: Textured                                                                                                                                                      |
| Colour                                 | Enclosure: white                                                                                                                                                                                     |
| Supply includes                        | Sensor<br>Mounting plate<br>Assembly parts<br>Connection cable with connector<br>Mounting bracket<br>Assembly parts                                                                                  |
| Connection to the CAN bus              | Indirect, via CMC III CAN bus interfaces                                                                                                                                                             |
| Interfaces                             | RJ12                                                                                                                                                                                                 |
| No. of participating PU compact (max.) | 4                                                                                                                                                                                                    |
| No. of participating PU (max.)         | 32                                                                                                                                                                                                   |

# Features

|                                   |                                                                      |
|-----------------------------------|----------------------------------------------------------------------|
| Note                              | The sensor is connected to the CMC III via a CMC III CAN bus sensor. |
| Measuring technique               | Silicon PIN photodiode/GaAs infrared LED                             |
| Dimensions                        | Height: 50 mm                                                        |
| Operating temperature range       | 5 °C...45 °C                                                         |
| Ambient humidity (non-condensing) | 5...95 %                                                             |
| Packs of                          | 1 pc(s).                                                             |
| Net weight                        | 0,5 kg                                                               |
| Gross weight                      | 0,575 kg                                                             |
| Customs tariff number             | 85311095                                                             |
| ETIM 9                            | EC002627                                                             |
| ECLASS 8.0                        | 27189253                                                             |

# Approvals

|              |                           |
|--------------|---------------------------|
| Explanations | Declaration of conformity |
|--------------|---------------------------|

# Tender text

## Smoke alarm for CMC-TC

The smoke alarm is based on an opto-electronic smoke particle evaluation within a measurement chamber. The alarm contains an ID so that it is automatically detected and set up by the CMC-TC system.

It is suitable for I/O Unit, Climate Unit and FCS.

## Technical specifications:

Voltage supply: 24 Volt DC

Power consumption max. 61 mA

Temperature range: -20°C ... +60°C

Dimensions: D= 100 mm, H= 50 mm

Supply includes installation bracket, assembly parts and 2 m connection cable.

Packs of 1