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# DK 7030.400

# CMC III sensors

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ENCLOSURES | POWER DISTRIBUTION | CLIMATE CONTROL | IT INFRASTRUCTURE | SOFTWARE & SERVICES

FRIEDHELM LOH GROUP

# DK 7030.400 - CMC III sensors

CMC III smoke detector

## Features

| | |
|---|---|
| Model No. | DK 7030.400 |
| 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 or IoT interface<br>The CMC III smoke detector is mounted in the top of the enclosure. The sensor monitors the air in the enclosure for smoke particles. |
| Material | Plastic |
| Colour | Enclosure: white<br>Mounting bracket: RAL 9005 |
| Supply includes | Sensor<br>Mounting plate<br>Assembly parts<br>Mounting bracket<br>Assembly parts |
| Connection to the CAN bus | Direct |
| Interfaces | 2 x RJ45 CAN bus |
| No. of participants per IoT interface (max.) | 32 |
| No. of participating PU compact (max.) | 4 |

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# Features

| | |
|---|---|
| No. of participating PU (max.) | 32 |
| No. of PDU devices (max.) | 16 |
| Measuring technique | Silicon PIN photodiode/GaAs infrared LED |
| Dimensions | Height: 60 mm |
| Operating temperature range | 5 °C...45 °C |
| Ambient humidity (non-condensing) | 5...95 % |
| Packs of | 1 pc(s). |
| Net weight | 0.4 kg |
| Gross weight | 0.58 kg |
| PCF per pack (cradle-to-gate) | 2.2 kg CO2 eq (Cat B) |
| Note on PCF category | Category B: PCF value (cradle-to-gate) based on the product weight, approximately calculated and self-declared |
| Customs tariff number | 85311095 |
| ETIM 9 | EC002627 |
| ECLASS 8.0 | 27189253 |
| Product description | DK CMC III Smoke alarm, H: 50 mm, Ø 100 mm, IP 30 |

# Approvals

| | |
|---|---|
| Explanations | Manufacturer's declaration<br>Declaration of conformity |

# Tender text

7030.400
CMC III smoke detector with CAN bus
Packs of 1
Compact plastic housing with air routing openings in white.
The sensor has two RJ45 connections with an integrated CAN bus. The sensor is automatically detected by the
CMC III system, the Processing Unit, and is provided with a sequential number in the bus sequence. Integrated multi-coloured LED as status display and LED on housing for alarm display.
The smoke detector is based on an opto-electronic smoke particle evaluation within a measurement chamber.
The power supply is ensured by connection to the CAN bus for the Processing Unit.
The warning and alarm messages can be displayed via the software for the CMC III Processing Unit.
Technical specifications:
Sensor: Photo diode
Emitter: Infrared diode
CAN bus jacks RJ45: 2
Protection category: IP 23 to IEC 60 529
Temperature application range:
-20°C to +60°C
Humidity range:
0% to 95% relative humidity, non-condensing
DxH: 100 x 50 mm
Included in the pack: Smoke detector, quick reference guide, universal depth stay and assembly parts.

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