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## DK 7030.190 CMC III Sensors

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# DK 7030.190 - CMC III Sensors

CMC III universal sensor

## Features

|                           |  |
|---------------------------|--|
| Model No.                 | DK 7030.190  |
| Version                   | Universal sensor   |
| Product description       | CMC III sensors are used to monitor the physical environment and can be directly connected to the PU by an RJ45 CAN bus connection cable. The sensors can also be interconnected as 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 enclosures, rooms and containers in the field of IT.  |
| Function principle        | Settings can be made via the CMC III Processing Unit or the IoT interface.<br>The sensor has two digital inputs and one analog input, which can be configured as required for the application in question.<br>The digital inputs can be configured as 2x floating monitoring contacts, 2x S0 bus inputs (energy measuring instruments) or 1x Wiegand interface (external access systems). The analog input can be used as a 4 - 20 mA interface. |
| Material                  | Plastic<br>Front: Smooth<br>Housing: Textured  |
| Color                     | Front: RAL 9005<br>Housing: RAL 7035   |
| Supply includes           | Sensor<br>Mounting panel<br>Assembly components<br>Universal sensor  |
| Connection to the CAN bus | Direct   |

# Features

|   |  |
|---|--|
| Interfaces  | 2 x RJ45 CAN bus<br>Analog, 4 - 20 mA<br>2 digital inputs/S0-bus/Wiegand   |
| Quantity of participants per IoT interface (max.) | 32   |
| Quantity of participants PU compact (max.)        | 4  |
| Quantity of participants PU (max.)                | 32   |
| Number of PDU participants (max.)                 | 16   |
| Dimensions  | Width: 110 mm<br>Height: 30 mm<br>Depth: 40 mm   |
| Operating temperature range                       | 0 °C...55 °C   |
| Ambient humidity (non-condensing)                 | 5...95 %   |
| Packaging unit                                    | 1 pc(s).   |
| Net weight  | 0.125 kg   |
| Gross weight                                      | 0.199 kg   |
| PCF/VE (cradle-to-gate)                           | 0.8 kg CO2 eq (Cat B)  |
| Information regarding the PCF class               | Category B: PCF value (cradle-to-gate) calculated approximately on the basis of the product weight and self-declared         |
| Customs tariff number                             | 85319000   |
| ETIM 9  | EC002627   |
| ECLASS 8.0  | 27189253   |
| Product description                               | DK CMC III universal sensor, for connecting to CMC III processing unit, via CAN bus interface, interfaces: 2 x digital input |

# Approvals

# Approvals

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Approvals

UL + C-UL (listed)

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Explanations

Manufacturer's declaration

Declaration of conformity