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## DK 7010.110 Sensors

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IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# DK 7010.110 - Sensors for CMC III, PDU, LCP, IoT interface

The temperature sensor monitors the ambient temperature in the enclosure.

## Features

|                             |  |
|-----------------------------|--|
| Model No.                   | DK 7010.110  |
| Design                      | Temperature sensor   |
| 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          | The sensor monitors the ambient temperature in the enclosure<br>Settings can be made via the CMC III processing unit or IoT interface<br>With a passive airflow the integrated sensor in the enclosure can be used. For applications without an active airflow, the external NTC sensor provided must be connected.<br>Measurement range for external sensors: -40 °C...+80 °C |
| Material                    | Plastic  |
| Surface finish              | Front: Smooth<br>Enclosure: Textured   |
| Colour                      | RAL 9005   |
| Supply includes             | External temperature sensor with connection cable and connector<br>NTC sensor, length 1.80 m<br>max. cable length 2 m  |
| Connection to the CAN bus   | Direct   |
| Interfaces                  | 2 x RJ45 CAN bus<br>Jack   |
| Dimensions                  | Width: 80 mm<br>Height: 30 mm<br>Depth: 40 mm  |
| Operating temperature range | 0 °C...55 °C   |

## Features

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|                                   |   |
|-----------------------------------|---|
| Ambient humidity (non-condensing) | 0...95 %  |
| Packs of                          | 1 pc(s).  |
| Net weight                        | 0.111 kg  |
| Gross weight                      | 0.163 kg  |
| Customs tariff number             | 90269000  |
| ETIM 9                            | EC002627  |
| Product description               | DK Temperature sensor, connection via CAN bus interface, WxHxD: 80x30x40 mm, RAL 9005 |

## Approvals

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|              |                           |
|--------------|---------------------------|
| Approvals    | UL + C-UL (listed)        |
| Explanations | Declaration of conformity |