# DK 7030.110

# CMC III Sensors

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# DK 7030.110 - CMC III Sensors

CMC III temperature sensor

## Features

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| Model No. | DK 7030.110 |
| Version | 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 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 CMC III temperature sensor monitors the ambient temperature in the enclosure.<br>With an active air flow, the sensor integrated in the housing can be used. For applications without an active air flow, the external NTC sensor supplied loose must be connected.<br>Measurement range for external sensors: -40 °C...+80 °C |
| 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>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>Socket |

# Features

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|---|---|
| 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 |
| Measuring technique | Internal NTC Resistance<br>External NTC Resistance |
| Dimensions | Width: 80 mm<br>Height: 30 mm<br>Depth: 40 mm<br>Width: 3.15 ˝<br>Height: 1.18 ˝<br>Depth: 1.57 ˝ |
| Operating temperature range | 0 °C...55 °C<br>32 °F...131 °F |
| Ambient humidity (non-condensing) | 5...95 % |
| Packaging unit | 1 pc(s). |
| Net weight | 0.18 |
| Gross weight | 0.18 |
| PCF/VE (cradle-to-gate) | 0.8 kg $CO_2$ 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 | 90269000 |
| EAN | 4028177659483 |
| ETIM 9 | EC002627 |
| ECLASS 8.0 | 27189253 |

# Approvals

| Approvals | UL + C-UL (listed) |
|---|---|
| Explanations | Manufacturer's declaration<br>Declaration of conformity |