

Rittal – The System.

Faster – better – everywhere.



DK 7030.150 CMC III Sensors

State: 2025-12-10 (Source: [rittal.com/ca-en](https://www.rittal.com/ca-en))

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



DK 7030.150 - CMC III Sensors

CMC III analog differential pressure sensor

Features

| | |
|---------------------------|---|
| Model No. | DK 7030.150 |
| Version | Analog differential pressure 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 Power is supplied via the CAN bus interface. |
| Applications | Enclosure monitoring in IT, industry and facility management 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. The CMC III differential pressure sensor measures the air pressure at two points in the room and displays the differential pressure between the two measuring points. The two points in the room are defined using a thin hose connected to the sensor. Application: Cold aisle containment, raised floor |
| Material | Plastic Front: Smooth Housing: Textured |
| Color | Front: RAL 9005 Housing: RAL 7035 |
| Supply includes | Sensor Mounting panel Assembly components Analog differential pressure sensor |
| Connection to the CAN bus | Direct |
| Interfaces | 2 x RJ45 CAN bus |

Features

| | |
|---|--|
| 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 | Differential Pressure Measurement |
| Dimensions | Width: 110 mm Height: 30 mm Depth: 40 mm |
| Operating temperature range | 0 °C...55 °C |
| Ambient humidity (non-condensing) | 5...95 % |
| Packaging unit | 1 pc(s). |
| Net weight | 0.4 |
| Gross weight | 0.539 |
| PCF/VE (cradle-to-gate) | 1.6 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 |
| EAN | 4028177659537 |
| ETIM 9 | EC002627 |
| ECLASS 8.0 | 27189253 |

Approvals

| | |
|-----------|--------------------|
| Approvals | UL + C-UL (listed) |
|-----------|--------------------|

Approvals

Explanations

Manufacturer's declaration
Declaration of conformity