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DK 7030.430 CMC III sensors

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DK 7030.430 - CMC III sensors

CMC III leak sensor

Features

DV 7000 400
DK 7030.430
Leak sensor
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.
Fast connection and automatic detection via plug & play Power is supplied via the CAN-BUS interface.
Enclosure monitoring in IT, industry and facility management Monitoring of enclosures, rooms and containers in the IT environment
Settings can be made via the CMC III processing unit or IoT interface The CMC III leakage sensor has an external sensor mounted vertically to the base. The sensor monitors the base for conductive liquids (leakage) using two contacts.
Plastic Front: Smooth Enclosure: Textured
Front: RAL 9005 Enclosure: RAL 7035
Sensor Mounting plate Assembly parts External sensor with connection cable
Direct
2 x RJ45 CAN bus Terminal

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Features

32
4
32
16
Conductivity measurement
Width: 110 mm Height: 30 mm Depth: 40 mm
5 °C45 °C
595 %
1 pc(s).
0.26
0.283
1.1 kg CO2 eq (Cat B)
Category B: PCF value (cradle-to-gate) based on the product weight, approximately calculated and self-declared
85319000
4028177695825
EC002627
27189253

Approvals

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

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Tender text

7030.430

CMC III leak sensor with CAN bus

Packs of 1

Compact plastic housing with ventilated front in RAL 9005.

Housing in RAL 7035,

Sensor probe (RAL 9005) is connected to the cable externally via a plug. 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-colour LED as status display.

The sensor has two pins on the sensor head, between which the conductivity is monitored. If a fluid closes the contact between the two pins, the sensor reports an alarm.

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 probe:

Mode of operation: Conductivity monitoring

Rated voltage: 24 V DC Protection category: IP 65 Technical specifications: Jack for sensor probe: 1 CAN bus jacks RJ45: 2

Protection category: IP 30 to IEC 60 529

Temperature application range:

0°C to 55°C

Humidity range:

5% to 95% relative humidity, non-condensing

WxHxD: 110 x 30 x 40 mm

Included in the pack: Sensor, temperature probe with cable and plug, quick reference guide and universal mounting set

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