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# DK 7030.440 CMC III sensors

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## DK 7030.440 - CMC III sensors

CMC III leak sensor, 15 m

#### **Features**

Model No.	DK 7030.440		
Design	Leak sensor, 15 m		
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 of enclosures, rooms and containers in the IT environment		
Function principle	Settings can be made via the CMC III processing unit or IoT interface The 15-metre long sensor cable is secured to the base. If the sensor cable comes into contact with a conductive liquid, the sensor will report a leak		
Material	Plastic Front: Smooth Enclosure: Textured		
Colour	Front: RAL 9005 Enclosure: RAL 7035		
Supply includes	Sensor Mounting plate Assembly parts Leak sensor Detection cable, 15 m		
Connection to the CAN bus	Direct		
Interfaces	2 x RJ45 CAN bus Terminal		
No. of participants per IoT interface (max.)	32		

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#### **Features**

No. of participating PU compact (max.)	4	
No. of participating PU (max.)	32	
No. of PDU devices (max.)	16	
Measuring technique	Conductivity measurement	
Dimensions	Width: 110 mm Height: 30 mm Depth: 40 mm	
Operating temperature range	5 °C45 °C	
Ambient humidity (non-condensing)	595 %	
Packs of	1 pc(s).	
Net weight	0.802	
Gross weight	1.106	
PCF per pack (cradle-to-gate)	4.2 kg CO2 eq (Cat B)	
Note on PCF category	Category B: PCF value (cradle-to-gate) based on the product weight approximately calculated and self-declared	
Customs tariff number	85319000	
EAN	4028177695832	
ETIM 9	EC002627	
ECLASS 8.0	27189253	

# Approvals

Explanations	Manufacturer's declaration	
	Declaration of conformity	

## Tender text

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7030.440

CMC III leak sensor, 15 m, with CAN bus

Packs of 1

Compact plastic housing with ventilated front in RAL 9005.

Housing in RAL 7035,

Sensor cable (RAL 9005) is connected to the connection 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 cable has a length of 15 m. If the cable comes into contact with a liquid, a contact between the two internal conductors is closed and a leak is detected.

In the event of leak detection, the sensor also indicates a range of 5 m in which the leakage has been detected. This permits a rough estimation of the location of the leak.

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 cable:

Mode of operation: Conductivity monitoring

Rated voltage: 24 V DC Detection length: 15 m

Length connection cable: 2 m

Technical specifications: Jack for sensor cable: 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, sensor cable with plug, mounting clips for sensor cable with adhesive, quick reference guide and universal mounting set

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