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DK 7320.631 CMC III sensors

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



DK 7320.631 - CMC III sensors

Monitor various parameters in enclosures or rooms.

Features

Model No.	DK 7320.631
Design	Leak sensor, 15 m
Product description	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.
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 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	Enclosure: RAL 7035 Sensor cable: blue
Supply includes	Sensor Mounting plate Assembly parts Connection cable with connector External sensor cable with connection cable Mounting clips for the sensor cable
Connection to the CAN bus	Indirect, via CMC III CAN bus interfaces
Interfaces	RJ12

Features

No. of participating PU compact (max.)	4
No. of participating PU (max.)	32
Note	Extended delivery times.
Measuring technique	Conductive sensor cable
Operating temperature range	5 °C...45 °C
Ambient humidity (non-condensing)	5...95 %
Packs of	1 pc(s).
Net weight	0.2 kg
Gross weight	0.3 kg
Customs tariff number	85444290
ETIM 9	EC002627
ECLASS 8.0	27189253

Approvals

Explanations	Declaration of conformity
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Tender text

CMC-TC leakage sensor cable 15 m

The leakage sensor can detect electrically conductive liquids like fresh water, salt water, glycol water etc. The sensor can be fitted below water piping systems, LCP applications, air conditioning applications in rows of cabinets etc, on the ground if at all possible. Fixing it close to the ground means that the smallest amount of liquid can be detected. The sensor can be connected directly to the I/O unit with the supplied patch cable via plug & play. The sensor contains an ID so that it is automatically detected and set up by the CMC-TC system.

The 15 m long sensor cable is connected to an enclosure with the evaluation electronics via a 3.5m connecting cable. The enclosure must be fitted as intended in the IP protection category, e.g. in a Rittal rack.

The sensor cable is colour coded in order to distinguish it from other cables in the monitoring area. The PEHD carrier material is chemically neutral and has long term stability. The sensor cable made of PHLD is very robust and protects the inserted measuring wires against damage and triggering in error. The sensor cable is liquid repellent and can be put back into use quickly following a leak.