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CMC III Sensors – DK 7030.120

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FRIEDHELM LOH GROUP



CMC III Sensors – DK 7030.120

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Product description

Description:	The CMC III sensors monitor the physical ambient conditions. Each sensor has specific measurement or control tasks. Sensors with the initial order numbers 7030... are equipped with a CAN bus interface and can be connected directly into the bus, to Processing Unit III. Sensors with the initial order numbers 7320... must be integrated into the bus via the adaption, CAN bus sensor 7030.100.
Benefits:	Fast connection and automatic detection via plug & play Power is supplied via the CAN bus interface.
Applications:	Monitoring enclosures in the fields of IT, industry and buildings technology. Monitoring enclosures, rooms and containers in the field of IT.
Function principle:	Settings can be made via the CMC III Processing Unit The CMC III infrared access sensor uses infrared light to monitor whether the enclosure door is open or closed The sensor has an integrated infrared transmitter and receiver. The sensor is mounted in the enclosure and pointed at the door so that the light is reflected by a reflector strip on the door.
Material:	Plastic Front: Smooth Housing: Textured
Color:	Front: RAL 9005 Housing: RAL 7035
Protection category IP to IEC 60 529:	IP 30
Supply includes:	Sensor Installation and Short User's Guide Mounting Bracket Mounting accessories

Mounting clips for support rails
Reflective adhesive strips

Product features	
Dimensions:	Height: 30 mm (1.2 ") Width: 80 mm (3.1 ") Depth: 40 mm (1.6 ")
Connection to the CAN bus:	Direct
Maximum no. of consumers:	CMC III Processing Unit Compact: 4 CMC III Processing Unit: 32
Operating temperature:	Operation (environment): +0°C...+55°C
Ambient humidity (non-condensing):	Operation (environment): 5 % - 95 %
Measuring technique:	Infrared Diode with Receiver and Reflector
Interfaces/connections:	General aspects: 2 x RJ45 CAN bus
Packaging unit:	1 pc(s).
Weight/packaging unit:	0.18 kg (0.4 lb.)
EAN:	4028177659506
Customs tariff number:	85319000
ETIM 6.0:	EC002627
ETIM 5.0:	EC002627
eCl@ss 8.0/8.1:	27189253
eCl@ss 7.0/7.1:	27189253
eCl@ss 6.0/6.1:	27189253
eCl@ss 5.1/5.1.4:	27189253
Product description (long):	DK CMC III Infrared access sensor, WHD: 80x28x40 mm
Approvals	
Approvals:	UL + C-UL

Certificates:	EAC
Declarations:	Declaration of conformity