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CMC III sensors – DK 7030.140

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FRIEDHELM LOH GROUP



CMC III sensors – DK 7030.140

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Product description

Description:	CMC III sensors monitor the physical ambient conditions. Every sensor has a specific measuring or control task. Sensors starting with model numbers 7030... are equipped with a CAN bus interface and can be connected to Processing Unit III directly in the bus. Sensors starting with model numbers 7320... can be integrated into the bus using adaptor CAN bus sensor 7030.100.
Benefits:	Fast connection and automatic detection via plug & play Power is supplied via the CAN-BUS interface.
Applications:	Monitoring of enclosures in the areas of 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 CMC III airflow sensor has an external sensor mounted in the airflow. The sensor measures the air flow from heat losses, and can detect fluctuations in the flow. Application: Fans, filters, climate control units
Material:	Plastic Front: Smooth Enclosure: Textured
Colour:	Front: RAL 9005 Enclosure: RAL 7035
Protection category IP to IEC 60 529:	IP 30
Supply includes:	Sensor Installation and Short User's Guide Mounting bracket Assembly parts Mounting clips for support rails External airflow sensor including assembly parts

Packs of:	1 pc(s).
EAN:	4028177659520
Customs tariff number:	85319085
eCl@ss 5.1:	27189253
eCl@ss 7.0:	27189253
ETIM 6.0:	EC002627

Product features

Design:	Analog airflow sensor
Dimensions:	Width: 110 mm Height: 30 mm Depth: 40 mm
Connection to the CAN bus:	Direct
Maximum no. of users:	CMC III Processing Unit Compact: 4 CMC III Processing Unit: 10 Note: Max. 5 p. for power supply with PoE
Operating temperature:	Operation (environment): +0°C...+55°C
Ambient humidity (non-condensing):	Operation (environment): 5 % - 95 %
Measuring technique:	Differential temperature measurement
Measurement range:	Speed: 0,5 m/s - 15 m/s
Interfaces/connections:	General: 2 x RJ45 CAN bus General: Terminal
Weight/pack:	0.43 kg

Approvals

Approvals:	 UL + C-UL (EN)
Declarations:	 Declaration of conformity (DE)

Downloads

Data sheets: Graphics (DE)

Documentation:  Instructions
EN

CAD drawings: Request
