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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

Design:	Analog airflow sensor
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 or IoT interface 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 20
Supply includes:	Sensor Mounting plate Assembly parts External airflow sensor including assembly parts

Product description

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 IoT interface: 10
Operating temperature:	Operation (environment): +0 °C...+55 °C
Ambient humidity (non-condensing):	Operation (environment): 5 % - 95 %
Measuring technique:	Differential temperature measurement
Measurement range:	Speed: 0,2 m/s - 10 m/s
Interfaces/connections:	General: 2 x RJ45 CAN bus General: Terminal
Packs of:	1 pc(s).
Weight/pack:	0.43 kg
Copper weight (kg per piece):	0
EAN:	4028177659520
Customs tariff number:	85319000
ETIM 7.0:	EC002627
ETIM 6.0:	EC002627
eCl@ss 8.0/8.1:	27189253
eCl@ss 6.0/6.1:	27189253
Product description:	DK CMC III Analog airflow sensor, WHD: 110x30x40 mm

Approvals

Approvals:	UL + C-UL

Certificates:	IEC NA
Declarations:	Declaration of conformity FCC