

Rittal – The System.

Faster – better – everywhere.



DK 7010.120 Sensors

State: 2026-04-13 (Source: rittal.com/ca-en)

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



DK 7010.120 - Sensors for CMC III, PDU, LCP, IoT interface

Temperature/humidity sensor for monitoring the ambient temperature and humidity in the cabinet.

Features

Model No.	DK 7010.120
Version	Temperature/humidity sensor
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 enclosures, rooms and containers in the field of IT.
Function principle	The temperature/humidity sensor monitors the ambient temperature and humidity in the cabinet The sensor has an integrated temperature sensor and an integrated air humidity sensor. Settings can be made via the CMC III Processing Unit or the IoT interface.
Material	Plastic
Surface finish	Front: Smooth Housing: Textured
Color	RAL 9005
Supply includes	Sensor Mounting panel Assembly components
Connection to the CAN bus	Direct
Interfaces	2 x RJ45 CAN bus Socket
Dimensions	Width: 80 mm Height: 30 mm Depth: 40 mm
Operating temperature range	0 °C...55 °C

Features

Ambient humidity (non-condensing)	5...95 %
Packaging unit	1 pc(s).
Net weight	0.093 kg
Gross weight	0.145 kg
Customs tariff number	90269000
ETIM 9	EC002627
Product description	DK temperature/humidity sensor, connection via CAN bus interface, W x D: 80 x 30 x 40 mm, RAL 9005

Approvals

Approvals	UL + C-UL (listed)
Explanations	Declaration of conformity