

SICK.COM



DATA SHEET

CDM420-0001

CDM
Junction boxes

SICK Sensor Intelligence

JUNCTION BOXES

CDM420-0001

ORDERING INFORMATION

Type	part no.
CDM420-0001	1025362

Further device versions and accessories at www.sick.com/CDM



DETAILED TECHNICAL DATA

FEATURES

Brief description	Modular connection module for one sensor
Supported products	Lector62x CLV61x - CLV65x Mobile handheld scanners RFH6xx RFU62x RFU63x
Cloning module support (CMC)	Yes
Supports display module (CMD)	Yes
Supports power supply module (CMP)	Yes
Supports fieldbus gateway (CMF)	Yes (PROFIBUS DP, Ethernet, DeviceNet™)

MECHANICS/ELECTRONICS

Power consumption	Power consumption of the sensor + 0.5 W
Housing	Polycarbonate
Enclosure rating	IP65 ¹⁾
Protection class	III
Weight	800 g
Dimensions (L x W x H)	192 mm x 167 mm x 70 mm
Scanner connection	15-pin D-Sub HD female connector
Service plug	9-pin D-Sub plug (internal)

¹⁾ When using a standard connection cable for scanners by SICK.

INTERFACES

Ethernet	✓ , RS-232, TCP/IP, RS-485
Remark	Depending on Sensor connected; corresponding CMF fieldbus gateway additionally necessary
Serial	✓ , RS-232, RS-422, RS-485
Remark	Depending on sensor connected
CAN	✓
Remark	Depending on sensor connected
PROFIBUS DP	✓
Remark	Corresponding CMF fieldbus gateway additionally necessary
DeviceNet™	✓
Remark	Corresponding CMF fieldbus gateway additionally necessary
Digital inputs	Depending on sensor connected
Digital outputs	Depending on sensor connected
Optical indicators	5 LED
Configuration software	SOPAS ET

AMBIENT DATA

Ambient operating temperature	-35 °C ... +40 °C
Storage temperature	-35 °C ... +70 °C
Permissible relative humidity	< 90 %, Non-condensing

CERTIFICATES

EU declaration of conformity	✓
UK declaration of conformity	✓
ACMA declaration of conformity	✓
China RoHS	✓
cULus certificate	✓

Further information as well as suitable accessories, example applications and downloads such as CAD dimensional models, operating instructions and software can be found at www.sick.com/1025362



SICK AG
WALDKIRCH
GERMANY
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SICK AT A GLANCE

SICK is a leading global technology company for intelligent sensors and integrated solutions in industrial automation. Our technologies set benchmarks, making your industrial processes more efficient, safer and more sustainable – both in logistics and manufacturing operations.

SICK combines sensor intelligence with industry expertise and certified consulting services. We provide the ideal foundation for scalable as well as tailor-made automation solutions and create added value along the entire value chain. Our close partnerships with our customers are more than just a promise: Together, we optimize productivity, improve quality, protect health and safety, and help build a sustainable future. All with empathy and trust.

Since 1946, we have been developing innovative technologies with passion and a pioneering spirit. With a global network in around 40 countries, SICK has a global presence and is always close by. The company's headquarters are located in Waldkirch near Freiburg, Germany. Our customers benefit from our understanding of both local and global requirements, which enables us to deliver tailor-made solutions

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