



DATA SHEET

CDB620-001

CDB
Junction boxes

SICK Sensor Intelligence



JUNCTION BOXES

CDB620-001

ORDERING INFORMATION

Type	part no.
CDB620-001	1042256

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



DETAILED TECHNICAL DATA

FEATURES

Supported products	CLV61x - CLV65x Lector62x RFH6xx RFU62x
Cloning module support (CMC)	Yes
Supports display module (CMD)	No
Supports power supply module (CMP)	No
Supports fieldbus gateway (CMF)	No

MECHANICS/ELECTRONICS

Supply voltage	10 V DC ... 30 V DC ¹⁾
Power consumption	1 W
Housing	Polycarbonate
Enclosure rating	IP65
Protection class	III
Weight	260 g
Dimensions (L x W x H)	124.2 mm x 113.1 mm x 53.9 mm
Scanner connection	15-pin D-Sub HD female connector
Service plug	9-pin D-Sub plug (internal)

¹⁾ Supply voltage of the connected scanner +1 V.

INTERFACES

Serial	✓, RS-232, RS-422, RS-485
Remark	Depending on sensor connected
CAN	✓
Remark	Depending on sensor connected
Digital inputs	Depending on sensor connected
Digital outputs	Depending on sensor connected
Optical indicators	9 LED
Configuration software	SOPAS ET

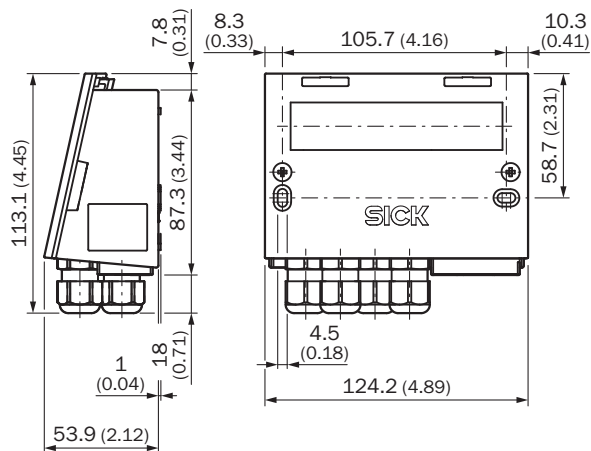
AMBIENT DATA

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	✓

DIMENSIONAL DRAWING CDB620



Dimensions in mm (inch)

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/1042256



SICK AG
WALDKIRCH
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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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