



Connection box LMS251

SICK
Sensor Intelligence.



Ordering information

Type	Part no.
Connection box LMS251	2063074

Other models and accessories → www.sick.com/



Detailed technical data

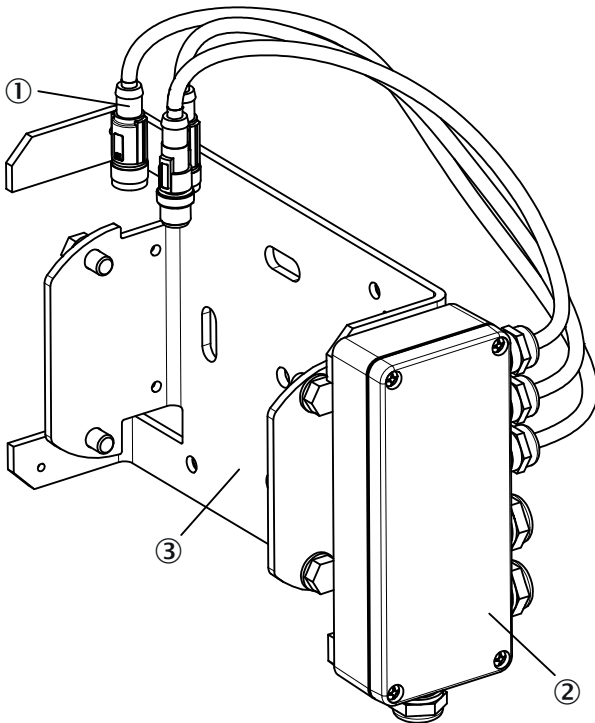
Technical specifications

Accessory family	Connection modules
Conductor cross section	5 x 0,5 mm ² + 2 x 8 x 0,25 mm ²
Ambient operating temperature	-30 °C ... +50 °C
Enclosure rating	IP67
Weight	0.65 kg
Dimensions (W x H x L)	88 mm x 34 mm x 173 mm
Description	Connection box for power, I/O and RS-232/RS-422 data (not Ethernet), with three prewired M12 cables, 8-pin, intended for use with LMS251 Lite

Classifications

eCl@ss 5.0	27279201
eCl@ss 5.1.4	27279201
eCl@ss 6.0	27279201
eCl@ss 6.2	27279201
eCl@ss 7.0	27279201
eCl@ss 8.0	27279201
eCl@ss 8.1	27279201
eCl@ss 9.0	27440320
eCl@ss 10.0	27440320
eCl@ss 11.0	27440320
eCl@ss 12.0	27440320
ETIM 5.0	EC000313
ETIM 6.0	EC000313
ETIM 7.0	EC000313
ETIM 8.0	EC000313
UNSPSC 16.0901	31163032

Dimensional drawing (Dimensions in mm (inch))



- ① Figure shows connection box with standard housing, connector form deviates slightly from part number 2095789
- ② Connection box 2063034 or 2095789
- ③ Adapter plate 2059271

PIN assignment

Advice: Pin definition identical to Harting connector LMS2xx	01 RD-/RxD
	02 RD+
	03 Shield
	04 Heat GND
	05 -
	06 -
	07 OUT C
	08 Electronic GND
	09 TD-/TxD
	10 TD+
	11 -
	12 Heat 24 V
	13 OUT A
	14 OUT B
15 Restart (IN)	
16 Electronic 24 V	
17 -	
18 -	
19 -	
20 -	
21 -	
22 -	

SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is “Sensor Intelligence.”

WORLDWIDE PRESENCE:

Contacts and other locations –www.sick.com