



LMS251 connection unit

Power supply modules

INTEGRATION MODULES AND ADAPTERS

SICK
Sensor Intelligence.



Ordering information

Type	part no.
LMS251 connection unit	2063074

Other models and accessories → www.sick.com/Power_supply_modules



Detailed technical data

Features

Accessory group	Power supply modules
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
Permitted cross-section	5 x 0,5 mm ² + 2 x 8 x 0,25 mm ²
Enclosure rating	IP67
Ambient operating temperature	-30 °C ... +50 °C
Dimensions (W x H x L)	88 mm x 34 mm x 173 mm
Weight	0.65 kg

Certificates

EU declaration of conformity	✓
UK declaration of conformity	✓
China-RoHS	✓

Classifications

ECLASS 5.0	27279201
ECLASS 5.1.4	27279201
ECLASS 6.0	27279201
ECLASS 6.2	27279201
ECLASS 7.0	27279201
ECLASS 8.0	27279201
ECLASS 8.1	27279201
ECLASS 9.0	27440320
ECLASS 10.0	27440320
ECLASS 11.0	27440320
ECLASS 12.0	27440320
ETIM 5.0	EC000313
ETIM 6.0	EC000313
ETIM 7.0	EC000313

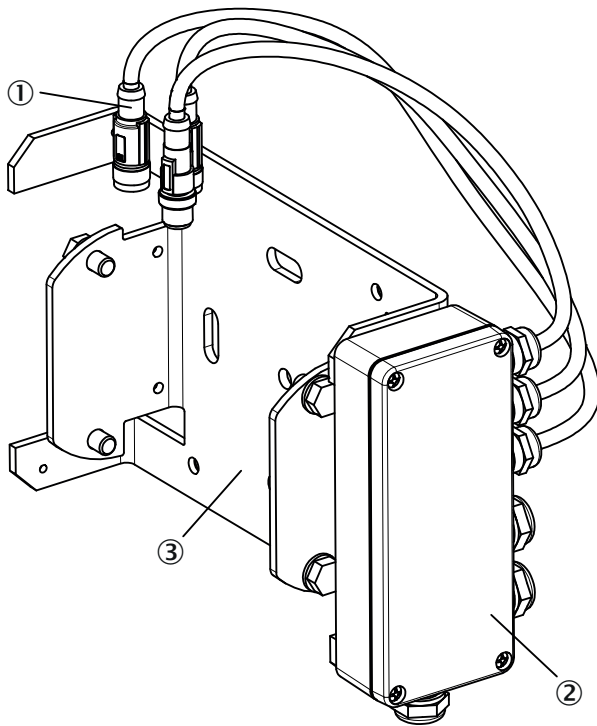
ETIM 8.0

EC000313

UNSPSC 16.0901

31163032

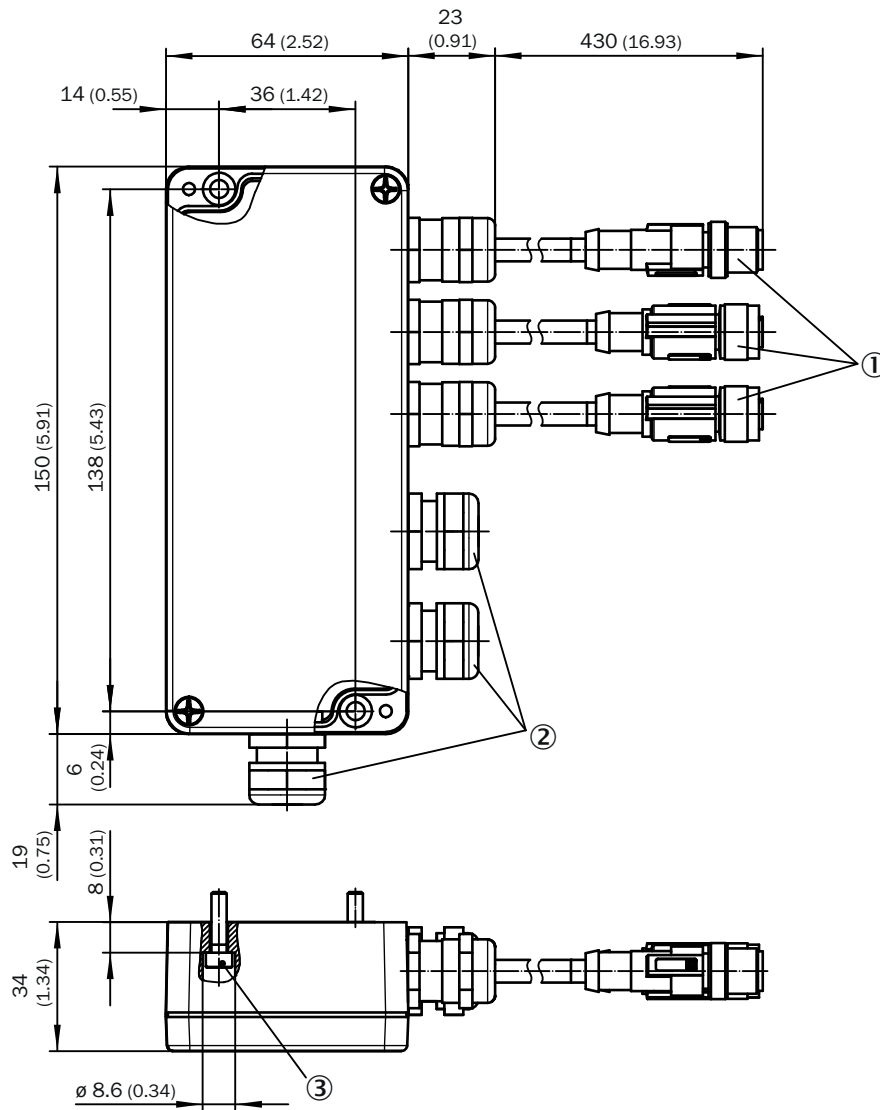
Dimensional drawing



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

Dimensional drawing



Dimensions in mm (inch)

① Figure shows connection box with standard housing, connector form deviates slightly from part number 2095789

② IP 68 cable glands, $\varnothing$ 5 mm – 12 mm

③ 2 x screws, hexagon socket ISO 4762, M4x16

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