



Junction box

Power supply modules

INTEGRATION MODULES AND ADAPTERS

SICK
Sensor Intelligence.



Ordering information

Type	part no.
Junction box	2062346

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 LMS511 Lite, LMS531 Lite, LMS11x/15x/13x/14x, MRS1000, LMS1000
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
Housing color	Gray
Dimensions (W x H x L)	88 mm x 34 mm x 173 mm
Weight	0.65 kg

Certificates

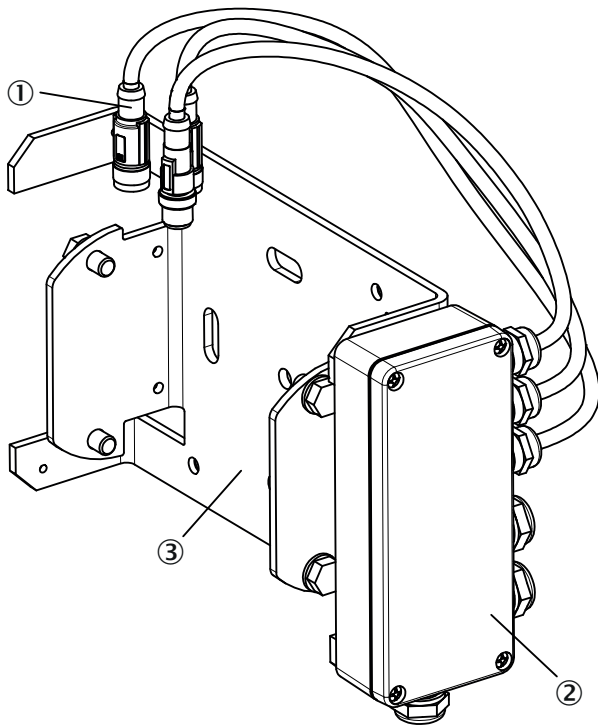
EU declaration of conformity	✓
UK declaration of conformity	✓
China-RoHS	✓

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

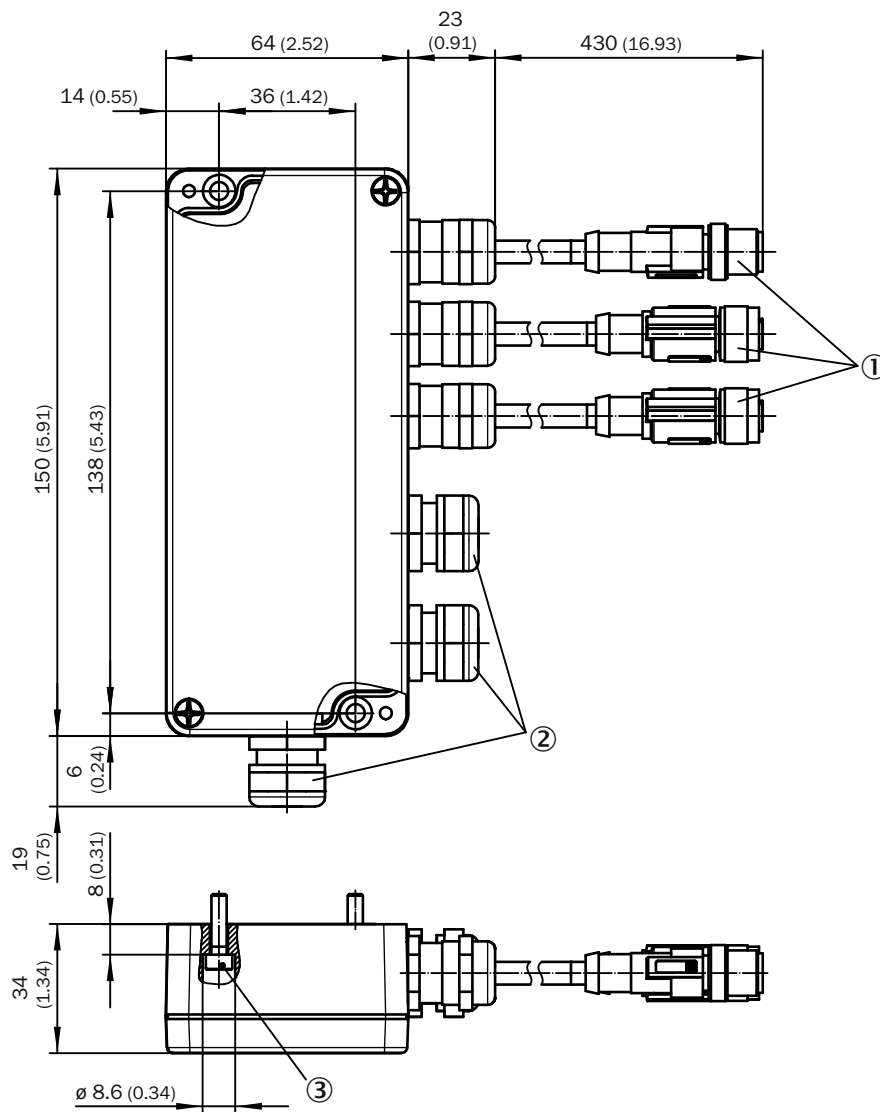
Dimensional drawing



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

PIN definition LMS5xx LITE

01 RD-/RxD
 02 TD-/TxD
 03 RD+
 04 TD+
 05 GND RS
 06 -
 07 IN Sync
 08 GND IN/Sync
 09 IN1
 10 -
 11 GND IN 1
 12 OUT 1
 13 OUT 2
 14 OUT 3
 15 GND OUT 1...3
 16 Vs OUT 1...3
 17 Vs
 18 GND
 19 Vs heat.
 20 GND heat.
 21 -
 22 -

PIN definition LMS531 LITE

01 A/DA (IN1)
 02 WT (IN2)
 03 -
 04 -
 05 -
 06 -
 07 TEACH (IN4)
 08 GND IN 1...4
 09 Alarm A
 10 Alarm B
 11 Alarm R A
 12 Alarm R B
 13 Error A
 14 Error B
 15 Sab
 16 GND Sab
 17 Vs
 18 GND
 19 Vs heat.
 20 GND heat.
 21 -
 22 -

PIN definition LMS11x/LMS15x

01 RxD
 02 TxD
 03 CAN H
 04 CAN L
 05 GND RS/CAN
 06 IN1
 07 IN2
 08 GND IN 1...2
 09 INC1 A
 10 INC1 B
 11 GND INC1
 12 OUT1 A
 13 OUT2 A
 14 OUT3 A
 15 OUTx B
 16 OUTx R
 17 Vs
 18 GND
 19 Vs heat.
 20 GND heat.
 21 -
 22 -

PIN definition LMS13x/LMS14x

01 A/DA (IN1)
 02 WT (IN2)
 03 CAN H
 04 CAN L
 05 GND CAN
 06 D/N (IN3)
 07 TEACH (IN4)
 08 GND IN 1...4
 09 Alarm A
 10 Alarm B
 11 Alarm R A
 12 Alarm R B
 13 Error A
 14 Error B
 15 Sab A
 16 Sab B
 17 Vs
 18 GND
 19 Vs heat.
 20 GND heat.
 21 -
 22 -

PIN definition MRS1000/LMS1000

01 -
 02 -
 03 -
 04 -
 05 -
 06 -
 07 -
 08 -
 09 IN1/OUT1
 10 IN2/OUT2
 11 IN3/OUT3
 12 IN4/OUT4
 13 IN5/OUT5
 14 IN6/OUT6
 15 GND INx/OUTx
 16 IN7/OUT7
 17 Vs
 18 GND
 19 -
 20 -
 21 IN8/OUT8
 22 -

PIN definition LRS4000

01 -
 02 -
 03 -
 04 -
 05 -
 06 -
 07 -
 08 -
 09 IN1
 10 IN2
 11 IN3/OUT3
 12 IN4/OUT4
 13 IN5/OUT5
 14 IN6/OUT6
 15 GND INx/OUTx
 16 IN7/OUT7
 17 Vs
 18 GND
 19 -
 20 -
 21 IN8/OUT8
 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