Connection module

SICK
Sensor Intelligence.

Connection module

Ordering information

Type	Part no.
Connection module	2079824

Other models and accessories → www.sick.com/

CE

Detailed technical data

Technical specifications

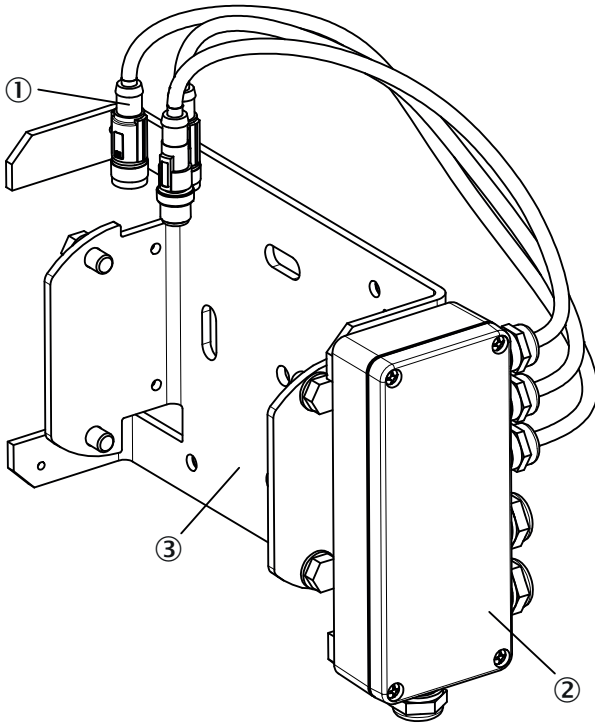|	
Accessory family	Connection modules
Connection type head A	Round connector (stainless steel), M12
Connection type head B	Round connector (stainless steel), M12
Connection type head C	Round connector (stainless steel), M12
Connection type	Cable gland
Conductor cross section	5 x 0,5 mm² + 2 x 12 x 0,14 mm²
Housing material	Aluminum
Ambient operating temperature	–40 °C ... +60 °C
Enclosure rating	IP67
Weight	0.68 kg
Dimensions (W x H x L)	88 mm x 34 mm x 173 mm
Description	Connection box with tamper contact for power, I/O, and RS-232/RS-422 data (not Ethernet), with three pre-wired M12 cables, 12-pin

Classifications

eCl@ss 5.0	27242602
eCl@ss 5.1.4	27242602
eCl@ss 6.0	27242602
eCl@ss 6.2	27242602
eCl@ss 7.0	27242602
eCl@ss 8.0	27242602
eCl@ss 8.1	27242602
eCl@ss 9.0	27242602
eCl@ss 10.0	27242602
eCl@ss 11.0	27242602
eCl@ss 12.0	27242602
ETIM 5.0	EC001597
ETIM 6.0	EC001597
ETIM 7.0	EC001597
ETIM 8.0	EC001597

UNSPSC 16.0901	32151705

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

Pin definition LMS531 PRO

01	AD/A (IN 1)
02	WT (IN 2)
03	Disq. A
04	Disq. B
05	D/N (IN 3)
06	Teach (IN 4)
07	GND IN
08	Alarm A
09	Alarm B
10	Tamper A
11	Tamper B
12	Error A
13	Error B
14	Sab A
15	Sab B
16	24 V SYS
17	GND SYS
18	24 V HEAT
19	GND HEAT
20	Alarm R A
21	Alarm R B
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:

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