



# SBO-02C08-KBD

Y- and T-splitters

CONNECTORS AND CABLES

**SICK**  
Sensor Intelligence.



Ordering information

Type	part no.
SBO-02C08-KBD	6033794

Other models and accessories → [www.sick.com/Y\\_and\\_T-splitters](http://www.sick.com/Y_and_T-splitters)

Detailed technical data

Technical specifications

Connection type head A	Female connector, M8, 4-pin, A-coded
Connection type head B	Male connector, M8, 3-pin, A-coded
Connection type head C	Male connector, M8, 3-pin, A-coded
Connecting cable	0.04 m
Conductor cross section	0.14 mm <sup>2</sup>
Housing material	TPU
Housing color	Black
Locking nut material	Zinc die-cast, nickel-plated
Shielding, head	Unshielded
Shielding	Unshielded
Reference voltage	≤ 36 V DC, ≤ 300 V DC
Current loading	≤ 4 A
Operating temperature	–30 °C ... +90 °C
Enclosure rating	IP67
Operating temperature	
Head	–30 °C ... +90 °C

Classifications

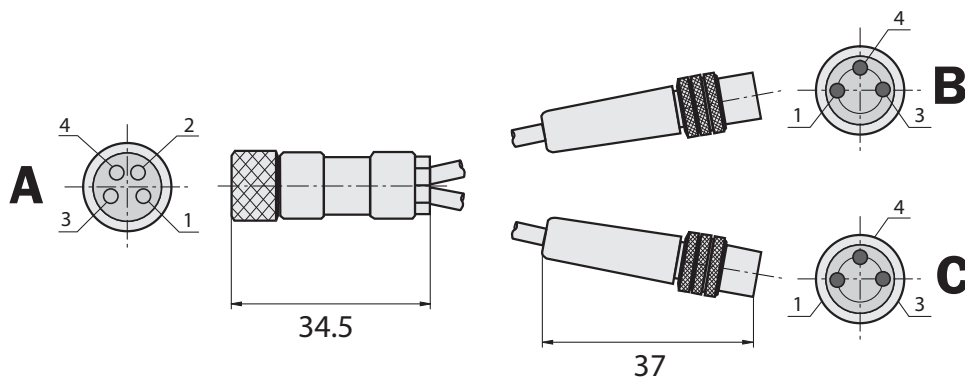
ECLASS 5.0	27279201
ECLASS 5.1.4	27279201
ECLASS 6.0	27279201
ECLASS 6.2	27279201
ECLASS 7.0	27279201
ECLASS 8.0	27279201
ECLASS 8.1	27279201
ECLASS 9.0	27440108

<b>ECLASS 10.0</b>	27440108
<b>ECLASS 11.0</b>	27440108
<b>ECLASS 12.0</b>	27440108
<b>ETIM 5.0</b>	EC002585
<b>ETIM 6.0</b>	EC002585
<b>ETIM 7.0</b>	EC002585
<b>ETIM 8.0</b>	EC002585
<b>UNSPSC 16.0901</b>	31163032

## Certificates

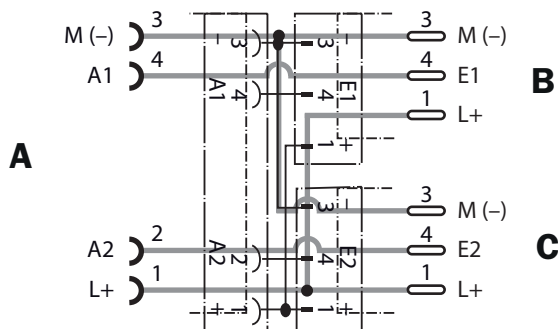
<b>EU declaration of conformity</b>	✓
<b>UK declaration of conformity</b>	✓
<b>China RoHS</b>	✓

## Dimensional drawing



Dimensions in mm (inch)

## Connection diagram



## 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](http://www.sick.com)