SBO-02F12-SM2

Y- and T-splitters

CONNECTORS AND CABLES

SICK
Sensor Intelligence.

Ordering information

Type	part no.
SBO-02F12-SM2	6053283

Other models and accessories ➜ www.sick.com/Y-_and_T-splitters

Illustration may differ

CE UK CA

Detailed technical data

Technical specifications

Connection type head A	Female connector, M12, 5-pin, A-coded
Connection type head B	Female connector, M12, 8-pin, A-coded
Connection type head C	Male connector, M12, 5-pin, A-coded
Housing color	Black
Locking nut material	Zinc die-cast, nickel-plated
Shielding, head	Unshielded
Shielding	Unshielded
Reference voltage	≤ 30 V DC
Current loading	4 A
Overvoltage category	II
Note	For connecting on IO-Link-Master
Operating temperature	−30 °C ... +90 °C
Enclosure rating	IP67 [1]
Description	For connecting an MLG2-Pro to an IO-Link Master
Operating temperature	
Head	−30 °C ... +90 °C

[1] Only in fully locked position with its plugs.

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	27440108
ECLASS 10.0	27440108
ECLASS 11.0	27440108
ECLASS 12.0	27440108
ETIM 5.0	EC002585
ETIM 6.0	EC002585
ETIM 7.0	EC002585
ETIM 8.0	EC002585
UNSPSC 16.0901	31163032

Dimensional drawing SBO-02F12-SM
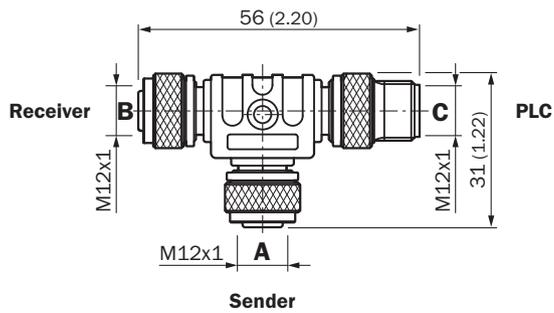
Dimensions in mm (inch)

Pinouts
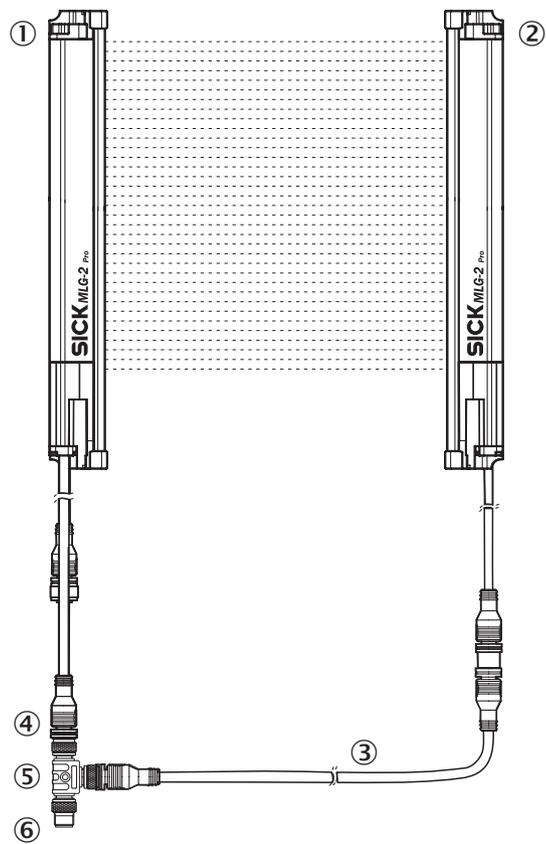
① MLG-2 receiver
② MLG-2 sender
③ Connection cable
④ MLG-2 connection
⑤ T-piece
⑥ Connection

Connection diagram
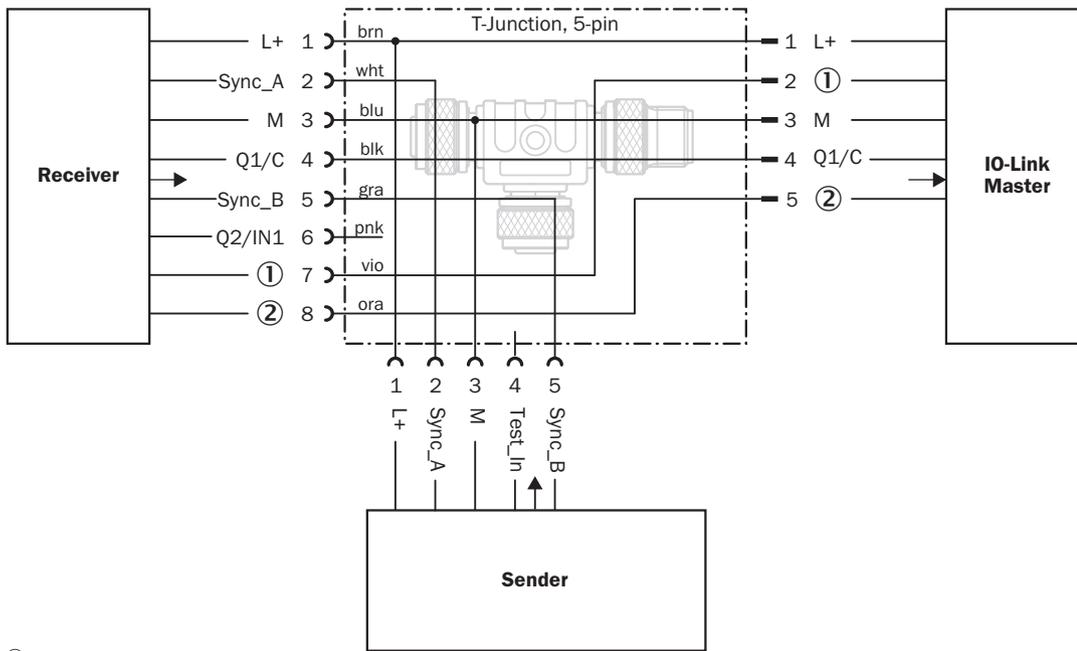
① Q3/QA1/RS-485_A
② Q4/IN2/QA2/RS-485_B

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**

SICK AG | Waldkirch | Germany | www.sick.com

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