SICK.COM



DATA SHEET

SBO-02D12-SFS01

Y- and T-splitters
Connectors and cables

SICK Sensor Intelligence



CONNECTORS AND CABLES

SBO-02D12-SFS01

ORDERING INFORMATION

Type	part no.
SBO-02D12-SFS01	6041319

Further device versions and accessories at www.sick.com/Y-_and_T-splitters

DETAILED TECHNICAL DATA

TECHNICAL SPECIFICATIONS

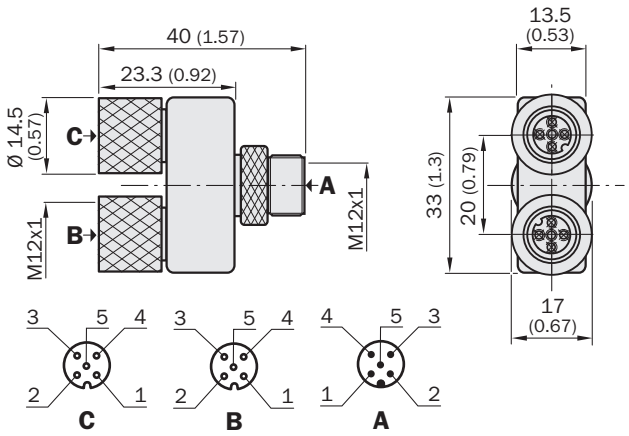
Connection type head A	Male connector, M12, 5-pin, A-coded
Connection type head B	Female connector, M12, 5-pin, A-coded
Connection type head C	Female connector, M12, 5-pin, A-coded
Housing material	TPU
Connector material head A	TPU
Connector material head C	TPU
Locking nut material	Zinc diecast, teflon coated (B), zinc die-cast, nickel-plated (C)
Shielding, head	Unshielded
Shielding	Unshielded
Reference voltage	≤ 36 V DC
Current loading	4 A
Contamination rating	3
Special feature	Male insert rotated by 90°
Note	SICK A (C), SICK B (A), SICK C (B), (*) Original assignment
Operating temperature	–25 °C ... +90 °C, Head
Enclosure rating	IP67 [1]
Description	For muting with photoelectric proximity sensors

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

CERTIFICATES

EU declaration of conformity	✓
UK declaration of conformity	✓
China RoHS	✓
China Compulsory Product Certification (CCC) exempt	✓

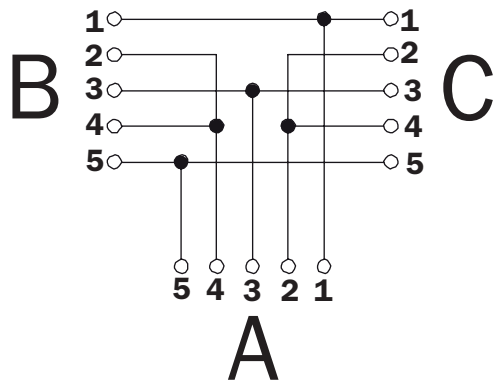
DIMENSIONAL DRAWING



Dimensions in mm (inch)

Dimensions in mm (inch)

PIN ASSIGNMENT



Further information as well as suitable accessories, example applications and downloads such as CAD dimensional models, operating instructions and software can be found at www.sick.com/6041319

SICK AG
WALDKIRCH
GERMANY
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SICK AT A GLANCE

SICK is a leading global technology company for intelligent sensors and integrated solutions in industrial automation. Our technologies set benchmarks, making your industrial processes more efficient, safer and more sustainable – both in logistics and manufacturing operations.

SICK combines sensor intelligence with industry expertise and certified consulting services. We provide the ideal foundation for scalable as well as tailor-made automation solutions and create added value along the entire value chain. Our close partnerships with our customers are more than just a promise: Together, we optimize productivity, improve quality, protect health and safety, and help build a sustainable future. All with empathy and trust.

Since 1946, we have been developing innovative technologies with passion and a pioneering spirit. With a global network in around 40 countries, SICK has a global presence and is always close by. The company's headquarters are located in Waldkirch near Freiburg, Germany. Our customers benefit from our understanding of both local and global requirements, which enables us to deliver tailor-made solutions

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