



YF2A2B-025UD3M2A2B

SICK
Sensor Intelligence.



Ordering information

Type	Part no.
YF2A2B-025UD3M2A2B	6056903

Other models and accessories → www.sick.com/

Detailed technical data

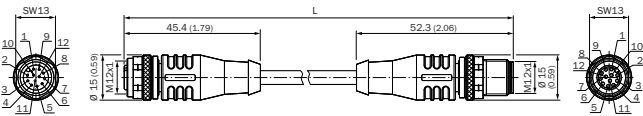
Technical specifications

Accessory group	Plug connectors and cables	
Accessory family	Connection cables	
Connection type head A	Female connector, M12, 12-pin, straight	
Connection type head B	Male connector, M12, 12-pin, straight	
Connector material	TPU	
Connector color	Black	
Tightening torque	1 Nm	
Cable	2.7 m, 12-wire, shielded, PUR, halogen-free	
Jacket material	PUR, halogen-free	
Jacket color	Black	
Cable diameter	7.5 mm	
Conductor cross-section	0.14 mm ²	
Shielding	Shielded	
Bending radius	Flexible use	> 12 x cable diameter
	Stationary position	> 5 x cable diameter
Bending cycles	> 1,000,000	
Reference voltage	≤ 30 V	
Current loading	1.5 A	
Traversing speed	1.7 m/s	
Travelling distance	5 m	
Acceleration	≤ 5 m/s ²	
Signal type	Sensor/actuator cable	
Application	Zones with oils and lubricants Drag chain operation	
Note	Connection cable, extension cable 1:1, shielded	
Enclosure rating	IP67/ IP69K	
Ambient operating temperature	Flexible use	-30 °C ... +90 °C
	Stationary position	-40 °C ... +90 °C
	Head	-40 °C ... +90 °C

Classifications

ECI@ss 5.0	19030312
ECI@ss 5.1.4	19030312
ECI@ss 6.0	27060304
ECI@ss 6.2	27060304
ECI@ss 7.0	27060304
ECI@ss 8.0	27060304
ECI@ss 8.1	27060304
ECI@ss 9.0	27060304
ECI@ss 10.0	27060304
ECI@ss 11.0	27060304
ETIM 5.0	EC000830
ETIM 6.0	EC000830
ETIM 7.0	EC003249
UNSPSC 16.0901	26121604

Dimensional drawing (Dimensions in mm (inch))



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