



DOL-127SG10ME25KM0

Plug connectors and cables

ACCESSORIES

SICK
Sensor Intelligence.



Ordering information

Type	Part no.
DOL-127SG10ME25KM0	2076543

Other models and accessories → www.sick.com/Plug_connectors_and_cables

Detailed technical data

Technical specifications

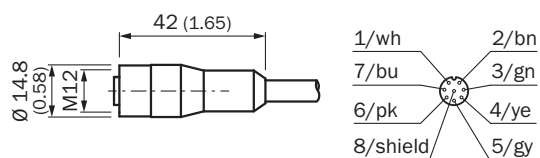
Accessory group	Plug connectors and cables
Accessory family	Connecting cables with female connector
Connection type head A	Female connector, M12, 8-pin, straight
Connection type head B	Cable
Connection type	Open conductor heads
Connector material	TPU
Connector color	Black
Locking nut material	CuZn, nickel-plated brass
Cable	10 m, 7-wire
Jacket material	PUR, halogen-free
Jacket color	Black
Cable diameter	6 mm
Conductor cross-section	0.25 mm ²
Shielding	Shielded
Bending radius	> 5 x cable diameter (stationary position), > 10 x cable diameter (flexible use)
Bending cycles	> 2,000,000
Reference voltage	≤ 30 V
Current loading	2 A
Traversing speed	200 m/min
Acceleration	≤ 5 m/s ²
Special feature	Drag chain use
Authorizations	UL recognized in accordance with AWM Style 20549 (80 °C / 300 V), jacket, UL recognized in accordance with AWM Style 10493 (80 °C / 300 V), conductor
UL File No.	CYJV.E335179
Ambient operating temperature	-25 °C ... +80 °C, female connector -50 °C ... +80 °C, stationary position -25 °C ... +80 °C, flexible use -25 °C ... +60 °C, Drag chain operation
Enclosure rating	IP 65 (EN 60529) IP 67 (EN 60529)

Classifications

ECl@ss 5.0	19030312
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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
ETIM 5.0	EC000830
ETIM 6.0	EC000830
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