



DOL-1204-G05MRN

Plug connectors and cables

ACCESSORIES

SICK
Sensor Intelligence.



Ordering information

Type	Part no.
DOL-1204-G05MRN	6058476

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, 4-pin, straight
Connection type head B	Cable
Connection type	Open conductor heads
Connector material	PP
Connector color	Gray
Locking nut material	Stainless steel (V4A/1.4404)
Cable	5 m, 4-wire
Jacket material	pp ¹⁾
Jacket color	Gray
Cable diameter	4.6 mm
Conductor cross-section	0.34 mm ²
Shielding	Unshielded
Bending radius	> 5 x cable diameter (stationary position), > 10 x cable diameter (flexible use)
Bending cycles	≥ 4,000,000
Tightening torque	1 Nm
Reference voltage	≤ 250 V
Rated impulse voltage	2.5 kV
Current loading	4 A
Special feature	Drag chain use
Application	Hygienic systems
Note	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked. ²⁾
Authorizations	Ecolab
Ambient operating temperature	-40 °C ... +105 °C, stationary position -25 °C ... +105 °C, flexible use

¹⁾ Silicone-free, halogen-free, LABS-free.

²⁾ Tested detergent: P3-topactive DES, P3-topactive 200, P3-topax 52, P3-topax 66 und P3-topax 91.

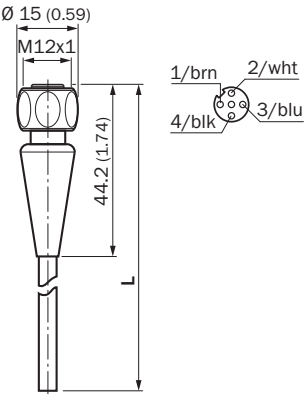
Enclosure rating	IP 67
	IP 69K

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- 2) Tested detergent: P3-topactive DES, P3-topactive 200, P3-topax 52, P3-topax 66 und P3-topax 91.

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
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