



## DOL-1204-L10MNI

Sensor-actuator cables

CONNECTORS AND CABLES

**SICK**  
Sensor Intelligence.



### Ordering information

Type	part no.
DOL-1204-L10MNI	6052623

Other models and accessories → [www.sick.com/Sensor-actuator\\_cables](http://www.sick.com/Sensor-actuator_cables)



### Detailed technical data

#### Technical specifications

<b>Connection type head A</b>	Female connector, M12, 4-pin, angled
<b>Connection type head B</b>	Flying leads
<b>Connection type</b>	Flying leads
<b>Connector material</b>	PUR
<b>Connector color</b>	Gray
<b>Locking nut material</b>	Stainless steel (V4A/1.4404)
<b>Tightening torque</b>	0.6 Nm
<b>Width across flats</b>	14
<b>Cable</b>	10 m, 4-wire, PVC
<b>Jacket material</b>	PVC
<b>Jacket color</b>	Gray
<b>Cable diameter</b>	5 mm
<b>Conductor cross section</b>	0.34 mm <sup>2</sup>
<b>Shielding</b>	Unshielded
<b>Bending radius</b>	
Flexible use	> 10 x cable diameter
Stationary position	> 5 x cable diameter
<b>Display LED</b>	✓
<b>Reference voltage</b>	
	≤ 24 V
<b>Rated impulse voltage</b>	0.8 kV
<b>Current loading</b>	4 A

<sup>1)</sup> Tested cleaning agents: 3% P3 – topax 990, 5% P3 – topoactive 200, 5% P3 – topax 52, 3% P3 – topax 66, 3% P3 – topoactive OKTO; Insulating material group: Cat I.

<sup>2)</sup> Insulating material group: Cat I.

Signal type	Sensor/actuator cable
Application	Hygienic and washdown zones
Note	This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind. <sup>1)</sup> Not resistant against lactic acid & hydrogen peroxide (H2O2) <sup>2)</sup> Only suitable for PNP sensors
Authorizations	Ecolab UL
UL File No.	CYJV.E335179
Enclosure rating	IP65/ IP67/ IP69K
Specialty	LED function indicator
Operating temperature	
Flexible use	-5 °C ... +80 °C
Stationary position	-30 °C ... +80 °C
Head	-25 °C ... +85 °C

<sup>1)</sup> Tested cleaning agents: 3% P3 – topax 990, 5% P3 – topoactive 200, 5% P3 – topax 52, 3% P3 – topax 66, 3% P3 – topoactive OKTO; Insulating material group: Cat I.

<sup>2)</sup> Insulating material group: Cat I.

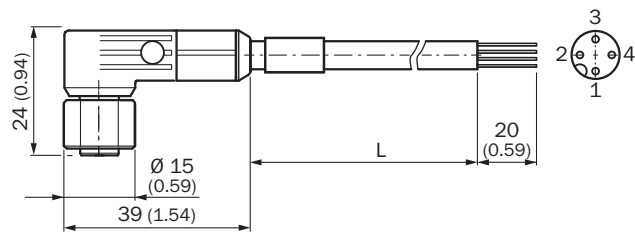
Classifications

ECLASS 5.0	19030312
ECLASS 5.1.4	19030312
ECLASS 6.0	27060304
ECLASS 6.2	27060304
ECLASS 7.0	27060304
ECLASS 8.0	27060304
ECLASS 8.1	27060304
ECLASS 9.0	27060304
ECLASS 10.0	27060304
ECLASS 11.0	27060304
ECLASS 12.0	27060304
ETIM 5.0	EC000830
ETIM 6.0	EC000830
ETIM 7.0	EC003249
ETIM 8.0	EC003249
UNSPSC 16.0901	26121604

Certificates

EU declaration of conformity	✓
UK declaration of conformity	✓
China-RoHS	✓
ECOLAB certificate	✓
cULus certificate	✓

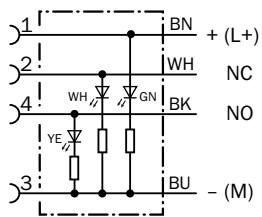
### Dimensional drawing



Dimensions in mm (inch)

- ① brn
- ② wht
- ③ blu
- ④ blk

### internal circuitry



## 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](http://www.sick.com)