



DOL-1204-W10MNI

Sensor-actuator cables

CONNECTORS AND CABLES

SICK
Sensor Intelligence.



Ordering information

Type	part no.
DOL-1204-W10MNI	6052618

Other models and accessories → www.sick.com/Sensor-actuator_cables



Detailed technical data

Technical specifications

Connection type head A	Female connector, M12, 4-pin, angled	
Connection type head B	Flying leads	
Connection type	Flying leads	
Connector material	PUR	
Connector color	Gray	
Locking nut material	Stainless steel (V4A/1.4404)	
Tightening torque	0.6 Nm	
Width across flats	14	
Cable	10 m, 4-wire, PVC	
Jacket material	PVC	
Jacket color	Gray	
Cable diameter	5 mm	
Conductor cross section	0.34 mm ²	
Shielding	Unshielded	
Bending radius		
	Flexible use	> 10 x cable diameter
	Stationary position	> 5 x cable diameter
Reference voltage		
	≤ 250 V	
Rated impulse voltage	2.5 kV	
Current loading	4 A	
Signal type	Sensor/actuator cable	

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

²⁾ Insulating material group: Cat I.

Application	Uncontaminated zones Hygienic and washdown zones Zones with chemicals						
Note	This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other kind. ¹⁾ Not resistant against lactic acid & hydrogen peroxide (H2O2) ²⁾						
UL File No.	CYJV.E335179						
Enclosure rating	IP65/ IP67/ IP69K						
Operating temperature	<table border="1"> <tr> <td>Flexible use</td> <td>-5 °C ... +80 °C</td> </tr> <tr> <td>Stationary position</td> <td>-30 °C ... +80 °C</td> </tr> <tr> <td>Head</td> <td>-25 °C ... +85 °C</td> </tr> </table>	Flexible use	-5 °C ... +80 °C	Stationary position	-30 °C ... +80 °C	Head	-25 °C ... +85 °C
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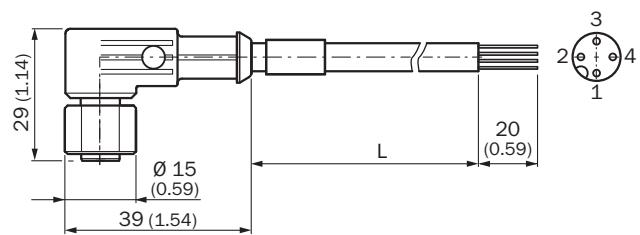
Certificates

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

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

Dimensional drawing



Dimensions in mm (inch)

- ① brn
- ② wht
- ③ blu
- ④ blk

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