



# DOL-0803-L10MRN

Sensor/actuator cable

PLUG CONNECTORS AND CABLES

**SICK**  
Sensor Intelligence.



Ordering information

Type	Part no.
DOL-0803-L10MRN	6058789

Only suitable for PNP sensors

Other models and accessories → [www.sick.com/Sensor\\_actuator\\_cable](http://www.sick.com/Sensor_actuator_cable)



Detailed technical data

Technical specifications

Accessory group	Plug connectors and cables
Accessory family	Connecting cables
Connection type head A	Female connector, M8, 3-pin, angled
Connection type head B	Flying leads
Connection type	Flying leads
Connector material	PP
Connector color	Gray
Locking nut material	Stainless steel (V4A/1.4404/316L)
Tightening torque	0.6 Nm
Width across flats	9
Cable	10 m, 3-wire, PP
Jacket material	pp <sup>1)</sup>
Jacket color	Gray
Cable diameter	4.6 mm
Conductor cross section	0.34 mm <sup>2</sup>
Shielding	Unshielded
Bending radius	
	Flexible use > 10 x cable diameter
	Stationary position > 5 x cable diameter
Bending cycles	≥ 4,000,000
Display LED	✓
Reference voltage	
	≤ 60 V
Current loading	4 A
Signal type	Sensor/actuator cable
Torsion force	180° / 1 m

<sup>1)</sup> Silicone-free, halogen-free, LABS-free.

<sup>2)</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.

<b>Application</b>	Hygienic and washdown zones Drag chain operation
<b>Note</b>	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H <sub>2</sub> O <sub>2</sub> and CH <sub>2</sub> O <sub>2</sub> . Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid & hydrogen peroxide (H <sub>2</sub> O <sub>2</sub> ), only suitable for PNP sensors <sup>2)</sup>
<b>Authorizations</b>	Ecolab
<b>Enclosure rating</b>	IP67/ IP69K
<b>Description</b>	LED function display
<b>Specialty</b>	LED function indicator
<b>Ambient operating temperature</b>	
Flexible use	-25 °C ... +105 °C
Stationary position	-40 °C ... +105 °C

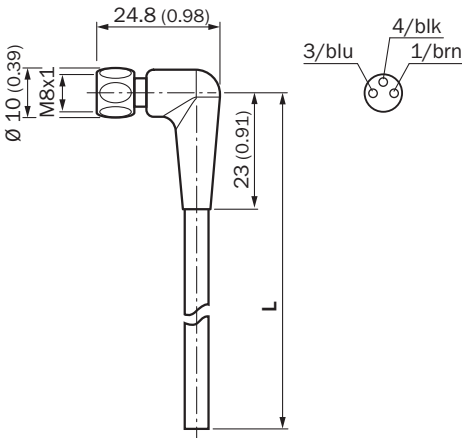
<sup>1)</sup> Silicone-free, halogen-free, LABS-free.

<sup>2)</sup> Tested cleaning agents: 3% P3 – topax 990, 5% P3 – topoactive 200, 5% P3 – topax 52, 3% P3 – topax 66, 3% P3 – topoactive OKT0; Insulating material group: Cat I.

## Classifications

<b>ECLASS 5.0</b>	19030312
<b>ECLASS 5.1.4</b>	19030312
<b>ECLASS 6.0</b>	27060304
<b>ECLASS 6.2</b>	27060304
<b>ECLASS 7.0</b>	27060304
<b>ECLASS 8.0</b>	27060304
<b>ECLASS 8.1</b>	27060304
<b>ECLASS 9.0</b>	27060304
<b>ECLASS 10.0</b>	27060304
<b>ECLASS 11.0</b>	27060304
<b>ECLASS 12.0</b>	27060304
<b>ETIM 5.0</b>	EC000830
<b>ETIM 6.0</b>	EC000830
<b>ETIM 7.0</b>	EC003249
<b>ETIM 8.0</b>	EC003249
<b>UNSPSC 16.0901</b>	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](http://www.sick.com)