

# SICK

## DOL-OB02-GOM2XS02

Other connectors and cables

**CONNECTORS AND CABLES**

**SICK**  
Sensor Intelligence.



### Ordering information

Type	part no.
DOL-0B02-G0M2XS02	2104097

Other models and accessories → [www.sick.com/Other\\_connectors\\_and\\_cables](http://www.sick.com/Other_connectors_and_cables)



### Detailed technical data

#### Technical specifications

<b>Connection type head A</b>	Female connector, stranded wire, 2-pin, straight
<b>Connection type head B</b>	Intercontec data element
<b>Cable</b>	0.26 m, 2-wire
<b>Conductor cross section</b>	0.14 mm <sup>2</sup>
<b>Shielding</b>	Shielded
<b>Signal type</b>	HIPERFACE DSL®
<b>Special feature</b>	Twisted
<b>Note</b>	Operating temperature <sup>1)</sup>
<b>Operating temperature</b>	
Stationary position	-20 °C ... +115 °C

<sup>1)</sup> The plastic material of the male connector and the plug socket must be released for a temperature range of -40 °C to 105 °C by the supplier. Internal long-term operation tests done at SICK in a temperature range of 105 °C and 115 °C did not detect any negative effects on the strength behavior of the male connector. Theoretically, the plastic could discolor or become brittle. Based on previous field experience and the long-term operation tests described above, the risk of function loss is estimated to be very low. During installation and operation, make sure that the cable guide does not apply tensile force on the male connector which could damage the plug connector in order to protect against any residual risk.

#### Certificates

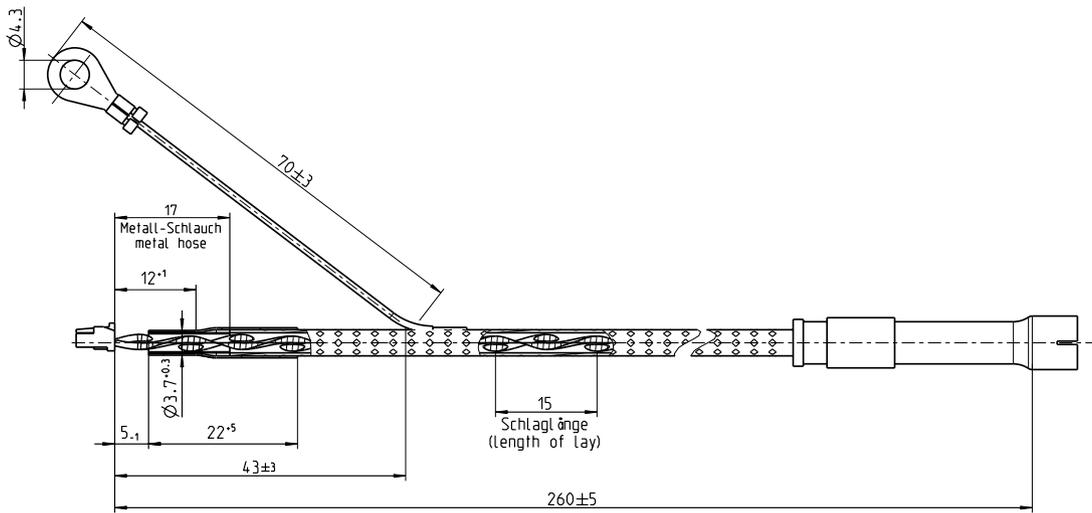
<b>EU declaration of conformity</b>	✓
<b>China RoHS</b>	✓

#### Classifications

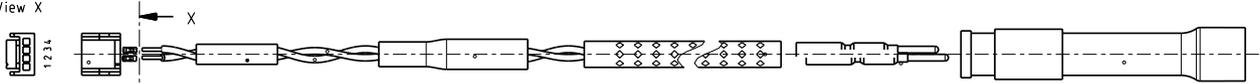
<b>ECLASS 5.0</b>	19030312
<b>ECLASS 5.1.4</b>	19030312
<b>ECLASS 6.0</b>	27060304
<b>ECLASS 6.2</b>	27060304
<b>ECLASS 7.0</b>	27060304
<b>ECLASS 8.0</b>	27060304
<b>ECLASS 8.1</b>	27060304
<b>ECLASS 9.0</b>	27060304
<b>ECLASS 10.0</b>	27060304
<b>ECLASS 11.0</b>	27060304
<b>ECLASS 12.0</b>	27060304
<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



Ansicht X  
View X



PIN/JST	Farbe/Color	PIN/Intercontec
1		
2	grau / grey	H
3	grün / green	L
4		

Nicht spezifizierte Konfektionierungen entsprechend Herstellerangaben der jeweiligen Anschlusskomponente!  
(Not specified packagings according to manufacturers instructions respective connection component !)

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)