

SICK

DOL-OB02-GOM2XS01

Other connectors and cables

CONNECTORS AND CABLES

SICK
Sensor Intelligence.



Ordering information

Type	part no.
DOL-0B02-G0M2XS01	2104098

Other models and accessories → www.sick.com/Other_connectors_and_cables



Detailed technical data

Technical specifications

Connection type head A	Female connector, stranded wire, 2-pin, straight
Connection type head B	2 crimp contacts +1 crimp contact for shield support
Cable	0.21 m, 2-wire
Conductor cross section	0.14 mm ²
Shielding	Shielded
Signal type	HIPERFACE DSL®
Special feature	Twisted
Note	Operating temperature ¹⁾
Specialty	2 crimp contacts +1 crimp contact for shield support, 210 mm
Operating temperature	
Stationary position	-20 °C ... +115 °C

¹⁾ 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

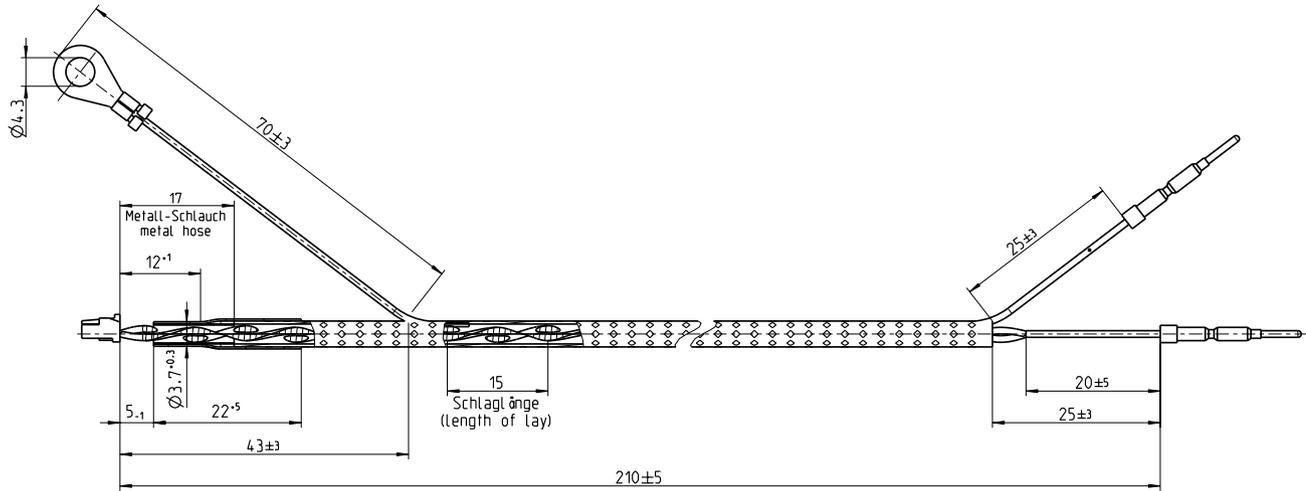
EU declaration of conformity	✓
China RoHS	✓

Classifications

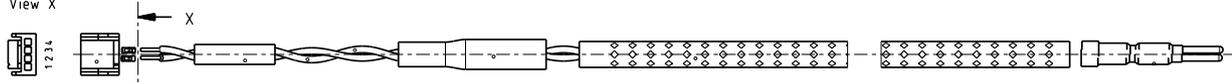
ECLASS 5.0	19030312
ECLASS 5.1.4	19030312
ECLASS 6.0	27060304
ECLASS 6.2	27060304
ECLASS 7.0	27060304
ECLASS 8.0	27060304
ECLASS 8.1	27060304
ECLASS 9.0	27060304
ECLASS 10.0	27060304
ECLASS 11.0	27060304
ECLASS 12.0	27060304

ETIM 5.0	EC000830
ETIM 6.0	EC000830
ETIM 7.0	EC003249
ETIM 8.0	EC003249
UNSPSC 16.0901	26121604

Dimensional drawing



Ansicht X
View X



PIN	Farbe/Color
1	
2	grau / grey
3	grün / green
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