

DOL-1208-G0300S13

Sensor/actuator cable

PLUG CONNECTORS AND CABLES

SICK
Sensor Intelligence.

Ordering information

Type	Part no.
DOL-1208-G0300S13	2108248

For 8-pin sensor-actuator cables, the wire colors are not standardized. Therefore, please observe the pin assignment of the sensor and the cable in the respective data sheet.

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

Detailed technical data

Technical specifications

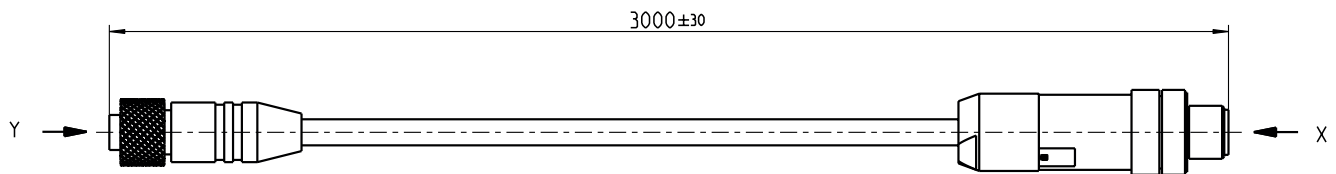
Connection type head A	Female connector, M12, 8-pin, straight						
Connection type head B	Male connector, M12						
Connection type	Flying leads						
Connector material	TPU						
Connector color	Black						
Locking nut material	CuZn, nickel-plated brass						
Tightening torque	0.5 Nm						
Cable	3 m, 8-wire, PUR, halogen-free						
Jacket material	PUR, halogen-free						
Jacket color	Black						
Cable diameter	7 mm						
Conductor cross section	0.25 mm ² , 4 x 2 x 0.25 mm ²						
Shielding	Shielded						
Bending radius	<table border="0"> <tr> <td style="padding-right: 20px;">Flexible use</td> <td>> 10 x cable diameter</td> </tr> <tr> <td>Stationary position</td> <td>> 5 x cable diameter</td> </tr> </table>	Flexible use	> 10 x cable diameter	Stationary position	> 5 x cable diameter		
Flexible use	> 10 x cable diameter						
Stationary position	> 5 x cable diameter						
Bending cycles	> 2,000,000						
Reference voltage	≤ 36 V AC/DC						
Current loading	2 A						
Special feature	Male connector, M12, 6044892, on cable end						
Enclosure rating	IP67						
Description	Head A: female connector, M12, 8-pin, straight Head B: male connector, M12, 6044892 on cable end: suitable for drag chain, PVC, shielded, 4 x 2 x 0.25 mm ² , Ø 7.0 mm						
Operating temperature	<table border="0"> <tr> <td style="padding-right: 20px;">Flexible use</td> <td>-25 °C ... +80 °C</td> </tr> <tr> <td>Stationary position</td> <td>-50 °C ... +80 °C</td> </tr> <tr> <td>Head</td> <td>-25 °C ... +80 °C</td> </tr> </table>	Flexible use	-25 °C ... +80 °C	Stationary position	-50 °C ... +80 °C	Head	-25 °C ... +80 °C
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Stationary position	-50 °C ... +80 °C						
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Classifications

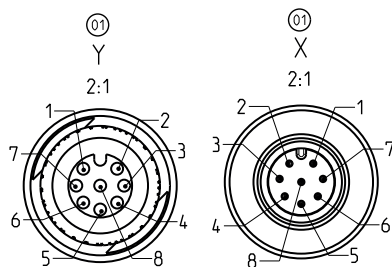
ECLASS 5.0	19030312
ECLASS 5.1.4	19030312

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))



PIN assignment



Farbe / Colour	Kabel mit Buchse M12 Cable with Female Connector M12 Pos. 100	Stecker M12 Connector M12 Pos. 110	Signal/ signal
weiß/white	1	3	A ₋
braun/brown	2	2	A
gruen/green	3	5	B ₋
gelb/yellow	4	4	B
grau/grey	5	7	Z ₋
rosa/pink	6	6	Z
blau/blue	7	8	GND
rot/red	8	1	US
-	-	Gehäuse/housing	schirm/screen

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