



YG2A68-400XXXLECX

Sensor/actuator cable

PLUG CONNECTORS AND CABLES

SICK
Sensor Intelligence.



Illustration may differ

Ordering information

Type	Part no.
YG2A68-400XXXLECX	2121385

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

Detailed technical data

Technical specifications

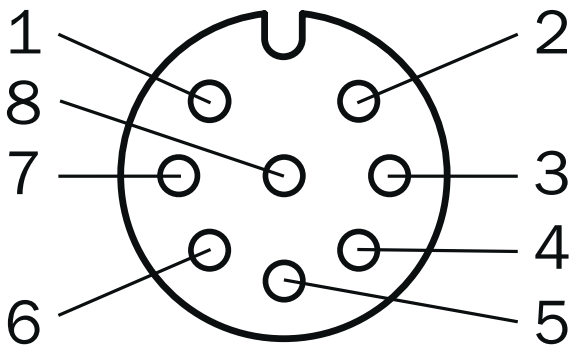
Connection type head A	Female connector, M12, 8-pin, angled, A-coded								
Connection type head B	Flying leads								
Locking plug connector	Screw connection								
Connector material	CuZn								
Locking nut material	Nickel-plated brass								
Seal material	FKM								
Cable	40 m, 8-wire, 8 wires, 4 x 2 twisted in pairs, PUR, halogen-free								
Jacket material	PUR, halogen-free								
Cable diameter	Ø 7 mm								
Conductor cross section	0.25 mm ²								
Shielding	Shielded								
Bending radius	<table border="0"> <tr> <td>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								
Traversing speed	≤ 3.3 m/s								
Acceleration	≤ 5 m/s ²								
Signal type	RS-422, SSI								
Enclosure rating	IP67								
Specialty	Very good oil and chemical resistance								
Operating temperature	<table border="0"> <tr> <td>Flexible use</td> <td>-25 °C ... +80 °C</td> </tr> <tr> <td>Stationary position</td> <td>-50 °C ... +80 °C</td> </tr> <tr> <td>Drag chain operation</td> <td>-25 °C ... +60 °C</td> </tr> <tr> <td>Head</td> <td>-25 °C ... +85 °C</td> </tr> </table>	Flexible use	-25 °C ... +80 °C	Stationary position	-50 °C ... +80 °C	Drag chain operation	-25 °C ... +60 °C	Head	-25 °C ... +85 °C
Flexible use	-25 °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
ETIM 5.0	EC000830
ETIM 6.0	EC000830
ETIM 7.0	EC003249
ETIM 8.0	EC003249
UNSPSC 16.0901	26121604

PIN assignment



- ① White
- ② Brown
- ③ Green
- ④ Yellow
- ⑤ Gray
- ⑥ Pink
- ⑦ Blue
- ⑧ Red

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