

DOL-0803-W05MRN

Sensor/actuator cable

PLUG CONNECTORS AND CABLES





Ordering information

Туре	Part no.
DOL-0803-W05MRN	6058508

Other models and accessories -> www.sick.com/Sensor_actuator_cable



Detailed technical data

Technical specifications

Connection type head B Connector type Flying leads Connector material Connector color Connector color Locking nut material Stainless steel (V4A/1.4404/316L) Tightening torque 0.6 Nm Cable 5 m, 3-wire, PP Jacket material Pp ¹¹) Jacket color Gray Cable diameter Conductor cross section 0.34 mm² Challedd Bending radius Flexible use Stationary position Stationary position Reference voltage Flexible was a felevation of the content of the co		
Connection type Connector material Connector color Connector color Coking nut material Stainless steel (V4A/1.4404/316L) Tightening torque 0.6 Nm Cable 5 m, 3-wire, PP Jacket material Jacket color Gray Cable diameter 4.6 mm Conductor cross section Shielding Unshielded Bending radius Flexible use Stationary position Stationary position Bending cycles Reference voltage	Connection type head A	Female connector, M8, 3-pin, angled
Connector material Connector color Connector color Coking nut material Stainless steel (V4A/1.4404/316L) Tightening torque 0.6 Nm Cable 5 m, 3-wire, PP Jacket material PP 1) Conductor cross section Gray Conductor cross section Shielding Bending radius Flexible use Stationary position Stationary position Reference voltage PP 10 Connector material Stationary position Gray 10 10 10 10 10 10 10 10 10 1	Connection type head B	Flying leads
Connector color Locking nut material Stainless steel (V4A/1.4404/316L) Tightening torque 0.6 Nm Cable 5 m, 3-wire, PP Jacket material PP 1) Jacket color Gray Cable diameter 4.6 mm Conductor cross section Shielding Unshielded Bending radius Flexible use Stationary position Flexible diameter > 10 x cable diameter > 5 x cable diameter > 5 x cable diameter > 4,000,000 Reference voltage	Connection type	Flying leads
Locking nut material Stainless steel (V4A/1.4404/316L) Tightening torque 0.6 Nm Cable 5 m, 3-wire, PP Jacket material PP ¹) Jacket color Cable diameter Cable diameter Conductor cross section Shielding Bending radius Flexible use Stationary position Bending cycles Reference voltage	Connector material	PP
Tightening torque Cable 5 m, 3-wire, PP PP 1) Jacket material Jacket color Gray Cable diameter 4.6 mm Conductor cross section Shielding Unshielded Flexible use Stationary position Bending cycles Reference voltage	Connector color	Gray
Cable 5 m, 3-wire, PP Jacket material PP 1) Jacket color Gray Cable diameter 4.6 mm Conductor cross section 0.34 mm² Shielding Unshielded Bending radius Flexible use Stationary position > 5 x cable diameter Stationary position > 5 x cable diameter Bending cycles Reference voltage	Locking nut material	Stainless steel (V4A/1.4404/316L)
Jacket color Gray Cable diameter 4.6 mm Conductor cross section Shielding Bending radius Flexible use Stationary position Bending cycles Reference voltage Pp ¹) Gray 4.6 mm 0.34 mm² Unshielded Unshielded > 10 x cable diameter > 5 x cable diameter > 4,000,000	Tightening torque	0.6 Nm
Jacket color Gray Cable diameter 4.6 mm Conductor cross section 0.34 mm² Unshielded Bending radius Flexible use Stationary position Bending cycles Reference voltage	Cable	5 m, 3-wire, PP
Cable diameter 4.6 mm Conductor cross section Shielding Unshielded Flexible use Stationary position Stationary position Bending cycles Reference voltage 4.6 mm 0.34 mm² Unshielded Variable diameter > 10 x cable diameter > 5 x cable diameter ≥ 4,000,000	Jacket material	PP ¹⁾
Conductor cross section Shielding Unshielded Bending radius Flexible use Stationary position Stationary position Bending cycles Reference voltage 0.34 mm² Unshielded > 10 x cable diameter > 5 x cable diameter > 4,000,000	Jacket color	Gray
Shielding Bending radius Flexible use Stationary position Bending cycles Reference voltage Unshielded > 10 x cable diameter > 5 x cable diameter ≥ 4,000,000	Cable diameter	4.6 mm
Bending radius Flexible use Stationary position Stationary position Stationary position Flexible use Stationary position Statio	Conductor cross section	0.34 mm ²
Flexible use Stationary position Stationary position Stationary position Perference voltage > 10 x cable diameter > 5 x cable diameter ≥ 4,000,000	Shielding	Unshielded
Stationary position > 5 x cable diameter Bending cycles ≥ 4,000,000 Reference voltage	Bending radius	
Bending cycles ≥ 4,000,000 Reference voltage	Flexible use	> 10 x cable diameter
Reference voltage	Stationary position	> 5 x cable diameter
	Bending cycles	≥ 4,000,000
< 60 V	Reference voltage	
2 00 V		≤ 60 V
Rated impulse voltage 1.5 kV	Rated impulse voltage	1.5 kV
Current loading 4 A	Current loading	4 A
Signal type Sensor/actuator cable	Signal type	Sensor/actuator cable
Torsion force 180°/1 m	Torsion force	180°/1m
Application Hygienic and washdown zones Drag chain operation	Application	, 9

 $^{^{1)}}$ Silicone-free, halogen-free, LABS-free.

²⁾ Tested cleaning agents: 3% P3 – topax 990, 5% P3 – topoactive 200, 5% P3 – topax 52, 3% P3 – topax 66, 3% P3 – topactive OKTO; Insulating material group: Cat

Note	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked. $^{2)}$
Authorizations	Ecolab
Enclosure rating	IP67/ IP69K
Operating temperature	
Flexible use	-25 °C +105 °C
Stationary position	-40 °C +105 °C

 $^{^{1)}}$ Silicone-free, halogen-free, LABS-free.

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

²⁾ Tested cleaning agents: 3% P3 – topax 990, 5% P3 – topoactive 200, 5% P3 – topax 52, 3% P3 – topax 66, 3% P3 – topactive OKTO; Insulating material group: Cat

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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.

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For us, that is "Sensor Intelligence."

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