

DOL-0804-G02MNI

Sensor/actuator cable

PLUG CONNECTORS AND CABLES





Ordering information

Туре	Part no.
DOL-0804-G02MNI	6059193

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

EC®LAB®

Detailed technical data

Technical specifications

Connection type head A Female connector, M8, 4-pin, straight Connection type Flying leads Connector material PUR Connector color Blue Locking nut material Stainless steel (V4A/1.4404) Tightening torque 0.4 Nm Width across flats 10 Cable 2 m, 4-wire, PVC Jacket material PVC Jacket color Gray Cable diameter 4.8 mm Conductor cross section 0.25 mm² Shelding Unshielded Bending radius Flexible use Stationary position > 10 x cable diameter Stationary position > 5 x cable diameter Reference voltage ≤ 30 V Rated impulse voltage 0.8 kV Current loading ≤ 4 A Signal type Sensor/actuator cable Application Hyglenic and washdown zones Note This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2) ^{13 20} Authorizations	reenmear opeemeations	
Connector material Connector color Blue Connector color Blue Coking nut material Stainless steel (V4A/1.4404) Tightening torque 0.4 Nm Width across flats 10 Cable 2 m, 4-wire, PVC Jacket material PVC Gable diameter Conductor cross section 0.25 mm² Shielding Bending radius Flexible use Stationary position Reference voltage Stationary position Reference voltage Signal type Application Note This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2), 127 Authorizations	Connection type head A	Female connector, M8, 4-pin, straight
Connector material Connector color Bilue Locking nut material Stainless steel (V4A/1.4404) Tightening torque 0.4 Nm Width across flats 10 Cable 2 m, 4-wire, PVC Jacket material PVC Jacket color Gray Cable diameter 4.8 mm Conductor cross section 0.25 mm² Shielding Bending radius Flexible use Stationary position Reference voltage ≤ 30 V Rated impulse voltage ≤ 30 V Rated impulse voltage Sensor/actuator cable Application Note This product is generally resistant to chemical cleaning agents (see ECOLAB), Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2) 1 27 Authorizations Ecolab	Connection type head B	Flying leads
Connector color Blue Locking nut material Stainless steel (V4A/1.4404) Tightening torque 0.4 Nm Width across flats 10 Cable 2 m, 4-wire, PVC Jacket material PVC Jacket color Gray Cable diameter 4.8 mm Conductor cross section 0.25 mm² Shielding Unshielded Bending radius > 10 x cable diameter Flexible use Stationary position > 10 x cable diameter Reference voltage ≤ 30 V Rated impulse voltage 0.8 kV Current loading ≤ 4 A Signal type Sensor/actuator cable Application Hyglenic and washdown zones Note This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2) ^{1) 2)} Authorizations Ecolab	Connection type	Flying leads
Locking nut material Stainless steel (V4A/1.4404) Tightening torque 0.4 Nm Width across flats 10 Cable 2 m, 4-wire, PVC Jacket material PVC Jacket color Gray Cable diameter 4.8 mm Conductor cross section 0.25 mm² Shielding Unshielded Bending radius Flexible use Stationary position Flexible use Stationary position > 10 x cable diameter Reference voltage ≤ 30 V Rated impulse voltage 0.8 kV Current loading ≤ 4 A Signal type Sensor/actuator cable Application Hygienic and washdown zones Note This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2) ^{1) 2)} Authorizations Ecolab	Connector material	PUR
Tightening torque Width across flats 10 Cable 2 m, 4-wire, PVC Jacket material PVC Gray Cable diameter 4.8 mm Conductor cross section 0.25 mm² Shielding Bending radius Flexible use Stationary position Reference voltage \$ 30 V Rated impulse voltage \$ 4 A Signal type Application Note This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2) ^{1) (2)} Authorizations Ecolab	Connector color	Blue
Width across flats Cable 2 m, 4-wire, PVC Jacket material PVC Gray Cable diameter 4.8 mm Conductor cross section Shielding Bending radius Flexible use Stationary position Reference voltage \$\leq 30 \text{ V}\$ Rated impulse voltage \$\leq 30 \text{ V}\$ Current loading \$\leq 4 \text{ Signal type}\$ Application Note 10 2 m, 4-wire, PVC Gray PVC Gray 10 10 10 10 10 10 10 10 10 1	Locking nut material	Stainless steel (V4A/1.4404)
Cable 2 m, 4-wire, PVC Jacket material PVC Jacket color Gray Cable diameter 4.8 mm Conductor cross section 0.25 mm² Shielding Unshielded Bending radius Flexible use Stationary position Flexible use Stationary position > 10 x cable diameter Reference voltage ≤ 30 V Rated impulse voltage 0.8 kV Current loading ≤ 4 A Signal type Sensor/actuator cable Application Hyglenic and washdown zones Note This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2) ^{1) 2)} Authorizations Ecolab	Tightening torque	0.4 Nm
Jacket material PVC Gray 4.8 mm Conductor cross section 0.25 mm² Shielding Unshielded Bending radius Flexible use Stationary position Reference voltage > 5 x cable diameter Rated impulse voltage ≤ 30 V Current loading ≤ 4 A Signal type Sensor/actuator cable Application Hygienic and washdown zones Note This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2) ^{1) 2)} Authorizations Ecolab	Width across flats	10
Jacket color Gray Cable diameter 4.8 mm Conductor cross section 0.25 mm² Shielding Unshielded Bending radius Flexible use Flexible use > 10 x cable diameter Stationary position > 5 x cable diameter Reference voltage ≤ 30 V Rated impulse voltage 0.8 kV Current loading ≤ 4 A Signal type Sensor/actuator cable Application Hyglenic and washdown zones Note This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2) ^{1) 2)} Authorizations Ecolab	Cable	2 m, 4-wire, PVC
Cable diameter Conductor cross section Shielding Bending radius Flexible use Stationary position Reference voltage ≤ 30 V Rated impulse voltage Current loading Signal type Application Note This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2) ^{1) 2)} Authorizations Ecolab	Jacket material	PVC
Conductor cross section 0.25 mm² Shielding Unshielded Bending radius Flexible use Stationary position Flexible use Stationary position > 5 x cable diameter Reference voltage ≤ 30 V Rated impulse voltage 0.8 kV Current loading ≤ 4 A Signal type Sensor/actuator cable Application Hygienic and washdown zones Note This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2) ^{1) 2)} Authorizations Ecolab	Jacket color	Gray
Shielding Unshielded Bending radius Flexible use Stationary position > 10 x cable diameter Reference voltage > 5 x cable diameter Rated impulse voltage ≤ 30 V Current loading ≤ 4 A Signal type Sensor/actuator cable Application Hygienic and washdown zones Note This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2) ^{1) 2)} Authorizations Ecolab	Cable diameter	4.8 mm
Bending radius Flexible use Stationary position Reference voltage ≤ 30 V Rated impulse voltage Current loading Signal type Application Note This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2) 1) 2) Authorizations Ecolab	Conductor cross section	0.25 mm ²
Flexible use Stationary position Reference voltage ≤ 30 V Rated impulse voltage 0.8 kV Current loading ≤ 4 A Signal type Application Note This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2) 1) 2) Authorizations Ecolab	Shielding	Unshielded
Reference voltage > 5 x cable diameter Rated impulse voltage ≤ 30 V Current loading ≤ 4 A Signal type Sensor/actuator cable Application Hygienic and washdown zones Note This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2) ^{1) 2)} Authorizations Ecolab	Bending radius	
Reference voltage ≤ 30 V Rated impulse voltage 0.8 kV Current loading ≤ 4 A Signal type Sensor/actuator cable Application Hygienic and washdown zones Note This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2) ^{1) 2)} Authorizations Ecolab	Flexible use	> 10 x cable diameter
≤ 30 V Rated impulse voltage 0.8 kV Current loading ≤ 4 A Signal type Sensor/actuator cable Application Hygienic and washdown zones Note This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2) ^{1) 2)} Authorizations Ecolab	Stationary position	> 5 x cable diameter
Rated impulse voltage 0.8 kV Current loading ≤ 4 A Signal type Sensor/actuator cable Application Hygienic and washdown zones Note This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2) ^{1) 2)} Authorizations Ecolab	Reference voltage	
Current loading ≤ 4 A Signal type Sensor/actuator cable Application Hygienic and washdown zones Note This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H202) ^{1) 2)} Authorizations Ecolab		≤ 30 V
Signal type Sensor/actuator cable Hygienic and washdown zones Note This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2) 1) 2) Authorizations Ecolab	Rated impulse voltage	0.8 kV
Application Hygienic and washdown zones This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2) 1) 2) Authorizations Ecolab	Current loading	≤ 4 A
Note This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2) 1) 2) Authorizations Ecolab	Signal type	Sensor/actuator cable
use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2) 1) 2) Authorizations Ecolab	Application	Hygienic and washdown zones
	Note	use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide
	Authorizations	

¹⁾ 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

I.

2) Insulating material group: Cat I.

UL File No.	CYJV.E335179
Enclosure rating	IP65/ IP67/ IP69K
Operating temperature	
Flexible use	-5 °C +80 °C
Stationary position	-30 °C +80 °C
Head	-25 °C +85 °C

 $^{^{1)} \}text{ Tested cleaning agents: 3\% P3 - topax 990, 5\% P3 - topoactive 200, 5\% P3 - topax 52, 3\% P3 - topax 66, 3\% P3 - topactive OKTO; Insulating material group: Catalogue C$

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⁾ Insulating material group: Cat I.

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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.

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."

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