

DOL-1212-G05MA

Sensor-actuator cables

CONNECTORS AND CABLES





Ordering information

Туре	part no.
DOL-1212-G05MA	6034605

Other models and accessories → www.sick.com/Sensor-actuator_cables

C € EK

Detailed technical data

Technical specifications

Connection type head BFlying leadsConnector typeFlying leadsConnector materialTPUConnector colorBlueLocking nut materialNickel-plated brassTightening torque1 NmCable5 m, 12-wire, PUR, halogen-freeJacket materialPUR, halogen-freeJacket colorGrayCable diameter6.2 mmConductor cross section0.14 mm²ShieldingShieldedReference voltage≤ 30 VCurrent loading1.5 ASignal typeSensor/actuator cableAuthorizationsULEnclosure ratingIP67			
Connection type Flying leads Connector material TPU Connector color Blue Locking nut material Nickel-plated brass Tightening torque 1 Nm Cable 5 m, 12-wire, PUR, halogen-free Jacket material PUR, halogen-free Jacket color Gray Cable diameter 6.2 mm Conductor cross section 0.14 mm² Shielding Shielded Reference voltage ≤ 30 V Current loading 1.5 A Signal type Sensor/actuator cable Authorizations UL Enclosure rating PUR TPU TPU Authorizations IPG7 Flying leads Flying leads TPU TPU Authorizations IPG7 Flying leads TPU Slue Flying leads TPU TPU Authorizations IPG7 Flying leads TPU Slue Flying leads Flying leads Flying leads TPU Slue Flying leads TPU Slue Flying leads Flying leads Flying Flying leads Flying Flying leads Flying Flying Flying leads Flying	Connection type head A		Female connector, M12, 12-pin, straight
Connector material Connector color Blue Locking nut material Nickel-plated brass Tightening torque 1 Nm Cable Jacket material PUR, halogen-free Jacket color Gray Cable diameter Conductor cross section 0.14 mm² Shielding Reference voltage ≤ 30 V Current loading Signal type Authorizations UL Enclosure rating Operating temperature	Connection type head B		Flying leads
Connector color Blue Locking nut material Nickel-plated brass Tightening torque 1 Nm Cable 5 m, 12-wire, PUR, halogen-free Jacket material PUR, halogen-free Jacket color Gray Cable diameter 6.2 mm Conductor cross section 0.14 mm² Shielding Shielded Reference voltage ≤ 30 V Current loading 1.5 A Signal type Sensor/actuator cable Authorizations UL Enclosure rating IP67 Operating temperature	Connection type		Flying leads
Locking nut material Nickel-plated brass Tightening torque 1 Nm Cable 5 m, 12-wire, PUR, halogen-free Jacket material PUR, halogen-free Jacket color Gray Cable diameter 6.2 mm Conductor cross section 0.14 mm² Shielding Shielded Reference voltage ≤ 30 V Current loading 1.5 A Signal type Sensor/actuator cable Authorizations UL Enclosure rating IP67 Operating temperature	Connector material		TPU
Tightening torque 1 Nm Cable 5 m, 12-wire, PUR, halogen-free Jacket material PUR, halogen-free Jacket color Gray Cable diameter 6.2 mm Conductor cross section 0.14 mm² Shielding Shielded Reference voltage ≤ 30 V Current loading 1.5 A Signal type Sensor/actuator cable Authorizations UL Enclosure rating IP67 Operating temperature	Connector color		Blue
Cable 5 m, 12-wire, PUR, halogen-free Jacket material PUR, halogen-free Gray Cable diameter 6.2 mm Conductor cross section 0.14 mm² Shielding Shielded Reference voltage ≤ 30 V Current loading 1.5 A Signal type Sensor/actuator cable Authorizations UL Enclosure rating IP67 Operating temperature	Locking nut material		Nickel-plated brass
Jacket material Jacket color Gray Cable diameter Conductor cross section Shielding Reference voltage ≤ 30 V Current loading Signal type Authorizations UL Enclosure rating PUR, halogen-free Gray Gray 6.2 mm 0.14 mm² Shielded Shielded Shielded Lis A Sensor/actuator cable UL IP67 Operating temperature	Tightening torque		1 Nm
Jacket color Gray Cable diameter 6.2 mm Conductor cross section 0.14 mm² Shielding Shielded Reference voltage ≤ 30 V Current loading 1.5 A Signal type Sensor/actuator cable Authorizations UL Enclosure rating IP67 Operating temperature	Cable		5 m, 12-wire, PUR, halogen-free
Cable diameter 6.2 mm 0.14 mm² Shielding Shielded Reference voltage ≤ 30 V Current loading Sensor/actuator cable Authorizations UL Enclosure rating Operating temperature	Jacket material		PUR, halogen-free
Conductor cross section Shielding Reference voltage ≤ 30 V Current loading 1.5 A Signal type Authorizations UL Enclosure rating Operating temperature	Jacket color		Gray
Shielding Reference voltage ≤ 30 V Current loading 1.5 A Signal type Sensor/actuator cable Authorizations UL Enclosure rating IP67 Operating temperature	Cable diameter		6.2 mm
Reference voltage ≤ 30 V Current loading 1.5 A Signal type Sensor/actuator cable Authorizations UL Enclosure rating Operating temperature	Conductor cross section		0.14 mm ²
≤ 30 V Current loading 1.5 A Signal type Sensor/actuator cable Authorizations UL Enclosure rating IP67 Operating temperature	Shielding		Shielded
Current loading 1.5 A Signal type Sensor/actuator cable UL Enclosure rating Operating temperature	Reference voltage		
Signal type Sensor/actuator cable UL Enclosure rating Operating temperature Sensor/actuator cable UL DEFINITION OPERATION O			≤ 30 V
Authorizations UL Enclosure rating IP67 Operating temperature	Current loading		1.5 A
Enclosure rating IP67 Operating temperature	Signal type		Sensor/actuator cable
Operating temperature	Authorizations		UL
	Enclosure rating		IP67
Stationary position -30 °C +90 °C	Operating temperature		
		Stationary position	-30 °C +90 °C

Certificates

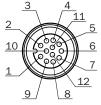
EU declaration of conformity	✓
UK declaration of conformity	✓
China-RoHS	✓

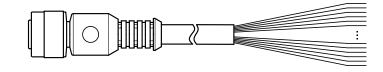
Classifications

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

PIN assignment





- ① Brown
- ② blue
- 3 White
- 4 Green
- ⑤ Pink
- Yellow
- ⑦ Black⑧ Gray
- 9 Red
- 10 Violet
- ① Gray-pink
- 12 Red-blue

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