

DOL-1204-G02M





Ordering information

Туре	Part no.
DOL-1204-G02M	6009382

Other models and accessories → www.sick.com/

Illustration may differ

Detailed technical data

Technical specifications

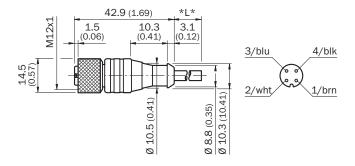
Accessory group Plug connectors and cables Connection type head A Cemale connector, M12, 4-pin, straight Connection type head B Flying leads Connection type Flying leads Connector material TPU Connector color Orange Locking nut material CuZn, nickel-plated brass Tightening torque 0.5 Nm Cable 2 m, 4-wire, PVC Jacket material PVC Jacket color Orange Cohild diameter 5 mm Conductor cross-section 0.25 mm² Shielding Unshielded Bending radius Flexible use >10 x cable diameter Stationary position 5 x cable diameter Stationary position 5 x cable diameter Signal type 250 V Current loading 4 A Signal type Sonesor/actuator cable Application 20 case with chemicals Enclosure rating 45 "C +80 "C Ambient operating temperature Flexible use 5" C +80 "C Flexible use <th></th> <th></th>		
Connection type head A Female connector, M12, 4-pin, straight Connection type Flying leads Connector material TPU Connector color Orange Locking nut material CuZn, nickel-plated brass Tightening torque 0.5 Nm Cable 2 m, 4-wire, PVC Jacket naterial PVC Jacket color Orange Cable diameter 5 mm Conductor cross-section 0.25 mm² Shelding Unshielded Bending radius > 10 x cable diameter Stationary position > 5 x cable diameter Stationary position ≤ 250 V Current loading 4 A Signal type Sensor/actuator cable Application Zones with chemicals Enclosure rating Hexible use +5 °C+80 °C Flexible use +5 °C+80 °C Stationary position -40 °C+80 °C	Accessory group	Plug connectors and cables
Connection type head B Connector material Connector material Connector color Connector color Color Cocking nut material Cocking nut mat	Accessory family	Connecting cables
Connector type Connector material Connector color Connector color Cocking nut material Cockin	Connection type head A	Female connector, M12, 4-pin, straight
Connector material TPU Connector color Orange Locking nut material CuZn, nickel-plated brass Tightening torque 0.5 Nm Cable 2 m, 4-wire, PVC Jacket material PVC Jacket color Orange Cable diameter 5 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 < 250 V Current loading 4 A Signal type Sensor/actuator cable Application Zones with chemicals Enclosure rating IP67 Ambient operating temperature *5 ° C +80 ° C Stationary position *5 ° C +80 ° C	Connection type head B	Flying leads
Connector color Orange Locking nut material CuZn, nickel-plated brass Tightening torque 0.5 Nm Cable 2 m, 4-wire, PVC Jacket material PVC Jacket color Orange Cable diameter 5 mm Conductor cross-section 0.25 mm² Shlelding Unshielded Bending radius > 10 x cable diameter Flexible us Stationary position > 5 x cable diameter > 5 x cable diameter Stationary position 4 A Signal type 4 A Application Zones with chemicals Enclosure rating IP67 Ambient operating temperature +5 °C+80 °C Stationary position -40 °C+80 °C	Connection type	Flying leads
Locking nut material CuZn, nickel-plated brass Tightening torque 0.5 Nm Cable 2 m, 4-wire, PVC Jacket material PVC Jacket color Orange Cable diameter 5 mm Conductor cross-section 0.25 mm² Shielding Unshielded Bending radius > 10 x cable diameter Stationary position > 5 x cable diameter Stationary position > 5 x cable diameter Current loading 4 A Signal type 250 V Application Zones with chemicals Enclosure rating IP67 Ambient operating temperature +5 °C+80 °C Stationary position -40 °C+80 °C	Connector material	TPU
Tightening torque 0.5 Nm Cable 2 m, 4-wire, PVC Jacket material PVC Jacket color Orange Cable diameter 5 mm Conductor cross-section 0.25 mm² Shielding Unshielded Bending radius Flexible use Stationary position 5 x cable diameter Stationary position 4 A Current loading Signal type 5 csnsor/actuator cable Application 2 conse with chemicals Enclosure rating 4 mblent operating temperature Flexible use Stationary position 7 c c +80 °C -40 °C +80 °C -40 °C +80 °C	Connector color	Orange
Cable2 m, 4-wire, PVCJacket materialPVCJacket colorOrangeCable diameter5 mmConductor cross-section0.25 mm²ShieldingUnshieldedBending radius> 10 x cable diameterStationary position> 5 x cable diameterReference voltage< 250 VCurrent loading4 ASignal typeSensor/actuator cableApplicationZones with chemicalsEnclosure ratingIP67Ambient operating temperatureFlexible useStationary position+5 °C +80 °CStationary position-40 °C +80 °C	Locking nut material	CuZn, nickel-plated brass
Jacket color PVC Cable diameter 5 mm Conductor cross-section 0.25 mm² Shielding Unshielded Bending radius Flexible use > 10 x cable diameter Stationary position > 5 x cable diameter Reference voltage ≤ 250 V Current loading 4 A Signal type Sensor/actuator cable Application Zones with chemicals Enclosure rating IP67 Ambient operating temperature +5 °C +80 °C Stationary position +5 °C +80 °C Stationary position -40 °C +80 °C	Tightening torque	0.5 Nm
Jacket color Orange Cable diameter 5 mm Conductor cross-section 0.25 mm² Shielding Unshielded Bending radius > 10 x cable diameter Flexible use Stationary position > 5 x cable diameter Reference voltage ≤ 250 V Current loading 4 A Signal type Sensor/actuator cable Application Zones with chemicals Enclosure rating IP67 Ambient operating temperature +5 °C +80 °C Stationary position -40 °C +80 °C	Cable	2 m, 4-wire, PVC
Cable diameter Conductor cross-section Shielding Unshielded Bending radius Flexible use Stationary position Stationary position Reference voltage Current loading Signal type Application Enclosure rating Ambient operating temperature Flexible use Stationary position Flexible use -5 ° C +80 ° C -40 ° C +80 ° C	Jacket material	PVC
Conductor cross-section 0.25 mm² Shielding Unshielded Bending radius > 10 x cable diameter Stationary position > 5 x cable diameter Reference voltage ≤ 250 V Current loading 4 A Signal type Sensor/actuator cable Application Zones with chemicals Enclosure rating IP67 Ambient operating temperature +5 °C +80 °C Stationary position -40 °C +80 °C -40 °C +80 °C	Jacket color	Orange
Shielding Bending radius Flexible use Stationary position Reference voltage \$\leq 250 \text{ V}\$ Current loading \$\leq 4 \text{ A}\$ Signal type \$\leq 5 \text{ sensor/actuator cable}\$ Application \$\leq 2 \text{ cones with chemicals}\$ Enclosure rating \$\leq 1967\$ Ambient operating temperature Flexible use \$\leq 5 \cdot C \dots + 80 \dots C \dots + 80 \cdot C \dots + 80 \dots + 80 \cdot C \dots + 80 \dots + 80 \dots + 80 \dots + 80 \dots +	Cable diameter	5 mm
Plexible use > 10 x cable diameter > 5	Conductor cross-section	0.25 mm ²
Flexible use Stationary position Reference voltage ≤ 250 V Current loading Signal type Application Enclosure rating Flexible use Flexible use Flexible use Stationary position > 10 x cable diameter > 5 x cable diameter ≤ 250 V 4 A Sensor/actuator cable Zones with chemicals IP67 Ambient operating temperature Flexible use Stationary position > 5 ° C +80 ° C -40 ° C +80 ° C	Shielding	Unshielded
Reference voltage ≤ 250 V Current loading 4 A Signal type Sensor/actuator cable Application Zones with chemicals Enclosure rating IP67 Ambient operating temperature Flexible use Flexible use Stationary position Flexible use	Bending radius	
Reference voltage ≤ 250 V Current loading	Flexible use	> 10 x cable diameter
Current loading 4 A Signal type Sensor/actuator cable Application Zones with chemicals Enclosure rating IP67 Ambient operating temperature Flexible use Flexible use +5 °C +80 °C Stationary position -40 °C +80 °C	Stationary position	> 5 x cable diameter
Current loading 4 A Signal type Sensor/actuator cable Application Zones with chemicals Enclosure rating IP67 Ambient operating temperature Flexible use +5 °C +80 °C Stationary position -40 °C +80 °C	Reference voltage	
Signal type Application Enclosure rating Flexible use Flexible use Stationary position Stationary position Sensor/actuator cable Zones with chemicals IP67 Flexible use +5 °C +80 °C -40 °C +80 °C		≤ 250 V
Application Enclosure rating Ambient operating temperature Flexible use	Current loading	4 A
Enclosure rating Ambient operating temperature Flexible use +5 °C +80 °C Stationary position -40 °C +80 °C	Signal type	Sensor/actuator cable
Ambient operating temperature Flexible use +5 °C +80 °C Stationary position -40 °C +80 °C	Application	Zones with chemicals
Flexible use +5 °C +80 °C Stationary position -40 °C +80 °C	Enclosure rating	IP67
Stationary position -40 °C +80 °C	Ambient operating temperature	
Head -25 °C +80 °C		
	Head	-25 °C +80 °C

Classifications

ECI@ss 5.0	19030312
------------	----------

ECI@ss 5.1.4	19030312
ECI@ss 6.0	27060304
ECI@ss 6.2	27060304
ECI@ss 7.0	27060304
ECI@ss 8.0	27060304
ECI@ss 8.1	27060304
ECI@ss 9.0	27060304
ECI@ss 10.0	27060304
ECI@ss 11.0	27060304
ECI@ss 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))



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

