

**DSL-1204-G02MRN** 





### Ordering information

Туре	Part no.
DSL-1204-G02MRN	6058499

Other models and accessories → www.sick.com/



#### Detailed technical data

### Technical specifications

Accessory group Accessory family Connection type head A Female connector, M12, 4-pin, straight Connector type head B Male connector, M12, 4-pin, straight Connector material PP Connector color Gray Locking nut material Tightening torque 1 Nm Width across flats 14 Cable Jacket material Pp 1 Jacket material Pp 1 Jacket color Gray Conductor cross-section Shielding Bending radius Flexible use Stationary position Seference voltage Seference voltage Seference voltage Seference voltage  Ferenie connector, M12, 4-pin, straight Adle connector c
Connection type head A Connection type head B Male connector, M12, 4-pin, straight Connector material PP Connector color Connector color Coking nut material Tightening torque 1 Nm Width across flats 14 Cable 2 m, 4-wire, PP Jacket material Jacket color Cable diameter Conductor cross-section Shielding Bending radius Flexible use Stationary position  Flexible use Stationary position  Sheed in meter section Stationary position Stationary position  Flexible use Stationary position  Section in M12, 4-pin, straight Male connector, M12, 4-pin, straight Male connector M12, 4-pin, straight M12, 4-pin, straight M12,
Connection type head B Male connector, M12, 4-pin, straight   Connector material PP   Connector color Gray   Locking nut material Stainless steel (V4A/1.4404)   Tightening torque 1 Nm   Width across flats 14   Cable 2 m, 4-wire, PP   Jacket material PP ¹)   Jacket color Gray   Cable diameter 4.6 mm   Conductor cross-section 0.34 mm²   Shielding Unshielded   Bending radius > 10 x cable diameter   Stationary position > 5 x cable diameter   Bending cycles ≥ 4,000,000
Connector material Connector color Conductor cross-section Conductor cross-section Conductor cross-section Conductor cross-section Conductor cross-section Color
Connector color Locking nut material Stainless steel (V4A/1.4404) Tightening torque 1 Nm Width across flats 14 Cable 2 m, 4-wire, PP Jacket material PP 1) Jacket color Gray Cable diameter Conductor cross-section Shielding Bending radius  Flexible use Stationary position  Bending cycles  Gray  4.000,000  Gray  1 Nm  1 Nm  1 4  1 4  1 4  1 4  1 5  1 4  1 5  1 5
Locking nut material Stainless steel (V4A/1.4404)   Tightening torque 1 Nm   Width across flats 14   Cable 2 m, 4-wire, PP   Jacket material PP ¹)   Jacket color Gray   Cable diameter 4.6 mm   Conductor cross-section 0.34 mm²   Shielding Unshielded   Bending radius > 10 x cable diameter   Stationary position > 5 x cable diameter   Bending cycles ≥ 4,000,000
Tightening torque  Width across flats  14  Cable  2 m, 4-wire, PP  Jacket material  PP ¹)  Jacket color  Gray  4.6 mm  Conductor cross-section  Shielding  Bending radius  Flexible use Stationary position  Flexible use Stationary position  Stationary position  Stationary position  P( ) Nm  14  2 m, 4-wire, PP  9 p ¹)  9 cross-section  10 x cable diameter
Width across flats  Cable  2 m, 4-wire, PP  Jacket material  PP  Gray  Cable diameter  Conductor cross-section  Shielding  Bending radius  Flexible use Stationary position  Stationary position  Stationary position  PP  14  2 m, 4-wire, PP  Gray  4.6 mm  0.34 mm  Unshielded  Stationary position
Cable 2 m, 4-wire, PP   Jacket material pp ¹)   Jacket color Gray   Cable diameter 4.6 mm   Conductor cross-section 0.34 mm²   Shielding Unshielded   Bending radius > 10 x cable diameter   Stationary position > 5 x cable diameter   Bending cycles ≥ 4,000,000
Jacket material  Jacket color  Gray  Cable diameter  4.6 mm  0.34 mm²  Unshielded  Bending radius  Flexible use Stationary position  Stationary position  Stationary position  Flexible use ≥ 4,000,000
Jacket color  Gray  4.6 mm  Conductor cross-section  Shielding  Bending radius  Flexible use Stationary position  Flexible diameter  Stationary position  Stationary position  Stationary position  Flexible diameter  Stationary position  ≥ 4,000,000
Cable diameter  4.6 mm  Conductor cross-section  O.34 mm²  Shielding  Unshielded  Bending radius  Flexible use Stationary position  Stationary position  Stationary position  Stationary position  ≥ 4,000,000
Conductor cross-section  Shielding  Unshielded  Bending radius  Flexible use > 10 x cable diameter  Stationary position > 5 x cable diameter  ≥ 4,000,000
Shielding Bending radius  Flexible use > 10 x cable diameter  Stationary position > 5 x cable diameter  ≥ 4,000,000
Bending radius  Flexible use > 10 x cable diameter  Stationary position > 5 x cable diameter  ≥ 4,000,000
Flexible use > 10 x cable diameter  Stationary position > 5 x cable diameter  ≥ 4,000,000
Stationary position > 5 x cable diameter  ≥ 4,000,000
<b>Bending cycles</b> ≥ 4,000,000
Reference voltage ≤ 250 V
Rated impulse voltage 2.5 kV
Current loading 4 A
Signal type Sensor/actuator cable
Torsion force 180° / 1 m
Application Hygienic and washdown zones Drag chain operation
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. <sup>2)</sup>
Resistant against lactic acid & hydrogen peroxide (H2O2)

 $<sup>^{1)}</sup>$  Silicone-free, halogen-free, LABS-free.

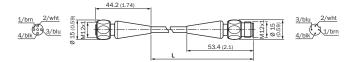
<sup>2)</sup> Tested detergent: P3-topactive DES, P3-topactive 200, P3-topax 52, P3-topax 66 und P3-topax 91.

Authorizations	Ecolab
Enclosure rating	IP67/ IP69K
Ambient operating temperature	
Flexible use	-25 °C +105 °C
Stationary position	-40 °C +105 °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
ETIM 5.0	EC000830
ETIM 6.0	EC000830
ETIM 7.0	EC003249
UNSPSC 16.0901	26121604

# Dimensional drawing (Dimensions in mm (inch))



 $<sup>^{1)}</sup>$  Silicone-free, halogen-free, LABS-free.  $^{2)}$  Tested detergent: P3-topactive DES, P3-topactive 200, P3-topax 52, P3-topax 66 und P3-topax 91.

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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."

# **WORLDWIDE PRESENCE:**

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