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Product data sheet



# DOL-1205-G02MNI

SICK
Sensor Intelligence.

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# DOL-1205-G02MNI



## Ordering information

| Type | Part no. |
|---|---|
| DOL-1205-G02MNI | 6052625 |

Other models and accessories → www.sick.com/

ECOLAB

## Detailed technical data

### Technical specifications

| | |
|---|---|
| **Accessory group** | Plug connectors and cables |
| **Accessory family** | Connecting cables |
| **Connection type head A** | Female connector, M12, 5-pin, straight |
| **Connection type head B** | Flying leads |
| **Connection type** | Flying leads |
| **Connector material** | PUR |
| **Connector color** | Gray |
| **Locking nut material** | Stainless steel (V4A/1.4404) |
| **Tightening torque** | 0.6 Nm |
| **Width across flats** | 14 |
| **Cable** | 2 m, 5-wire, PVC |
| **Jacket material** | PVC |
| **Jacket color** | Gray |
| **Cable diameter** | 5.2 mm |
| **Conductor cross-section** | 0.34 mm² |
| **Shielding** | Unshielded |
| **Bending radius** | |
| Flexible use | > 10 x cable diameter |
| Stationary position | > 5 x cable diameter |
| **Reference voltage** | ≤ 250 V |
| **Rated impulse voltage** | 1.5 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. [1]<br>Not resistant against lactic acid & hydrogen peroxide (H2O2) [2] |
| **Authorizations** | Ecolab |

[1] Tested detergent: P3-topactive DES, P3-topax 19, P3-topax 56, P3-topax 66 and P3-topax 99; Insulating material group: Cat I.

[2] Insulating material group: Cat I.

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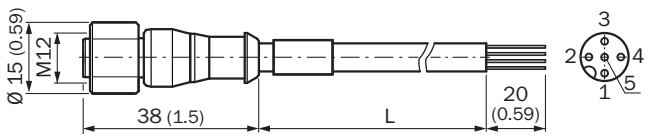
| | |
|---|---|
| | UL |
| **UL File No.** | CYJV.E335179 |
| **Enclosure rating** | IP65/ IP67/ IP69K |
| **Ambient operating temperature** | |
| Flexible use | –5 °C ... +80 °C |
| Stationary position | –30 °C ... +80 °C |
| Head | –25 °C ... +85 °C |

[1] Tested detergent: P3-topactive DES, P3-topax 19, P3-topax 56, P3-topax 66 and P3-topax 99; Insulating material group: Cat I.
[2] Insulating material group: Cat I.

## Classifications

| | |
|---|---|
| **ECl@ss 5.0** | 19030312 |
| **ECl@ss 5.1.4** | 19030312 |
| **ECl@ss 6.0** | 27060304 |
| **ECl@ss 6.2** | 27060304 |
| **ECl@ss 7.0** | 27060304 |
| **ECl@ss 8.0** | 27060304 |
| **ECl@ss 8.1** | 27060304 |
| **ECl@ss 9.0** | 27060304 |
| **ECl@ss 10.0** | 27060304 |
| **ECl@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))




① brn
② wht
③ blu
④ blk
⑤ gra

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# 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