DOL-0803-G05MRN



DOL-0803-G05MRN

Ordering information

Туре	Part no.
DOL-0803-G05MRN	6058505



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



Detailed technical data

Technical specifications

Accessory familyConnection call image connector, MS, 3-pin, straightConnection type head AFinal connector, MS, 3-pin, straightConnection type head BFinal connector, MS, 3-pin, straightConnector typeFinal connector, MS, 3-pin, straightConnector typeFinal connector, MS, 3-pin, straightConnector colorFinal connector, StraightColor colorFinal connector, StraightColor color color colorFinal connector, StraightColor color colo	Accessor familyConnecting cablesConnection type head AFinale connector, M8, 3-pin, straightConnection type head BFiying leadsConnector naterialPConnector colorGrayConnector colorGrayContext readerStalles steel (V4A/14404/316L)Tigtening torque0.6 NmColaderSmallen Steel (V4A/14404/316L)ColaderSmallen Steel (V4A/14404/316L)ColaderSmallen Steel (V4A/14404/316L)Tigtening torque0.6 NmColaderSmallen Steel (V4A/14404/316L)ColaderSmallen Steel (V4A/14404/316L		
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ConnectorFlying leadsConnector materialPPConnector colorGrayLocking nut materialStainless steel (V4A/1.4404/316L)Tightening torque0.6 NmWith across flats9CableSm. 3-wire, PPLocking nut materialSm. 3-wire, PPLocket colorGrayCable diameter6.9 NmConductor coss-section0.34 mm²SheldingUnsheldedFlexible with action of the station	ConnectorFiyii leadsConnector colorPConnector colorGragLocking nut materialSialness steel (V4A/1.4404/316L)Tightening torque0.6 NmWith across flats9CableSin 3wire, PPLocking nut materialPi ¹ Jacket colorGragCableSin 3wire, PPLocking nut materialSin 3wire, PPLocking colorGragCable diameterSin 3wire, PPCable diameterSin 3wire, PPCable diameterSin 3wire, PPCable diameterSin 3wire, PPStationary pottorSin 2wire, PPFlexible with Stationary pottorSin 2wire, PPStationary pottorSin 2wire, PPFlexible with Stationary pottorSin 2wire, PPStationary pottorSin 2wire, PPFlexible with Stationary pottorSin 2wire, PPStationary pottorSin 2w	Connection type head A	Female connector, M8, 3-pin, straight
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Conductor cross-section	Conductor cross-section.34 ma°SheldingUshiededShelding radius-Fershel-Stationary position-Stationary position-Aeference voltage-Garding function-Stationary position-Stationary position	Jacket color	Gray
SheldingInstelBending radius-Flexible> 10 x cable diameterStationary position> 5 x cable diameterBending cycles> 4,000,000Reference voltage-2 < 0 > 0 Rated Impulse voltage-0 > 0 Signal type> 6 socractage	ShieldingUnshieldedBending radiusInshieldedFlexible to> 10 x calle diameterStationary position> 5 x calle diameterBending cycles> 4,000,000Reference voltage	Cable diameter	4.6 mm
Bending radiusImage: constraint of the second s	Bending radius I i v cable diameter Stationary position > 10 x cable diameter Stationary position > 5 x cable diameter Bending cycles > 4,00,000 Reference voltage > 60 v Cartent Ioading > 5 x cable diameter Signal type A Torsion force 80° f 1m	Conductor cross-section	0.34 mm ²
Flexible us > 10 x cable diameter Stationary position > 5 x cable diameter Bending cycles > 4,000,000 Reference voltage > 60 V Cartent loading 15 kV Signal type > 6nor/catble	Fixeheine > 10 x cable diameter Stationary point > 5 x cable diameter Bending cycles > 4,000,000 Reference voltage > - > 60 V > - Rated impulse voltage - Rated impulse voltage - Stationary - Statio	Shielding	Unshielded
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Reference voltage ≤ 60 V Rated impulse voltage 1.5 kV Current loading 4 A Signal type Sensor/actuator cable	Reference voltage ≤ 60 V Rated impulse voltage 1.5 kV Current loading 4 A Signal type Sensor/actuator cable Torsion force 180°/1 m	Stationary position	> 5 x cable diameter
≤ 60 V Rated impulse voltage 1.5 kV Current loading 4 A Signal type Sensor/actuator cable	i Constanti ConstantRated impulse voltage1.5 kVCurrent loading4 ASignal typeSensor/actuator cableTorsion force180°/1 m	Bending cycles	≥ 4,000,000
Rated impulse voltage 1.5 kV Current loading 4 A Signal type Sensor/actuator cable	Rated impulse voltage 1.5 kV Current loading 4 A Signal type Sensor/actuator cable Torsion force 180°/1m	Reference voltage	
Current loading 4 A Signal type Sensor/actuator cable	Current loading 4 A Signal type Sensor/actuator cable Torsion force 180°/1m		≤ 60 V
Signal type Sensor/actuator cable	Signal type Sensor/actuator cable Torsion force 180°/1 m	Rated impulse voltage	1.5 kV
	Torsion force 180° / 1 m	Current loading	4 A
Torsion force 180° / 1 m		Signal type	Sensor/actuator cable
	Application Hygienic and washdown zones	Torsion force	180°/1m
Application Hygienic and washdown zones		Application	Hygienic and washdown zones

¹⁾ Silicone-free, halogen-free, LABS-free.

²⁾ Tested detergent: 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.

	Drag chain operation
Note	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chem- ical 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. ²⁾ Resistant against lactic acid & hydrogen peroxide (H2O2)
Authorizations	Ecolab
Enclosure rating	IP67/ IP69K
Ambient operating temperature	
Flexible use	-25 °C +105 °C
Stationary position	-40 °C +105 °C

¹⁾ Silicone-free, halogen-free, LABS-free.

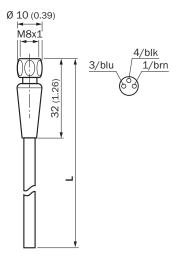
²⁾ Tested detergent: 3% P3 - topax 990, 5% P3 - topoactive 200, 5% P3 - topax 52, 3% P3 - topax 66, 3% P3 - topactive OKTO; Insulating material group: Cat I.

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

DOL-0803-G05MRN

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



Online data sheet

