DOL-1204G05MC75KM0

Sensor/actuator cable

PLUG CONNECTORS AND CABLES



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Ordering information

Туре	Part no.
DOL-1204G05MC75KM0	2079291

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

Detailed technical data

Technical specifications

Accessory groupPlug connectors and cablesAccessory familyConnecting cablesConnection type head AFinale connector, M12, 4.pin, straightConnector type head AFiying leadsConnector materialFiying leadsConnector materialBlackConnector colorBlackConnector colorConnector, M12, Alpin, straightConnector colorBlackConnector colorBlackConnector colorConnector, M12, Malagen-freeTightening torque0.75 mm²CableS.9 mm²Conductor colorS.9 mm²Conductor color0.75 mm²Stationary positionS table diameterConductor colorS 10 x cable diameterStationary positionS table diameterStationary positionS S cable diameterStationary position <td< th=""><th></th><th></th></td<>		
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Connector colorFUConnector colorBackLocking nut materialCin die cast, nickel-piatedLocking nut materialSin die cast, nickel-piatedTigttening torque0.4 NnCableSin, 4.wire, PUR, halogen-freeJacket materialBlackJacket colorBlackCable diameterSin maConductor cross section0.75 mm²SheldingUnsheldedFiceble us> 10 x cable diameterStationary position> 5 x cable diameter	Connection type head B	Flying leads
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CableFinal Argent Pure Pure Pure Pure Pure Pure Pure Pure	Locking nut material	Zinc die-cast, nickel-plated
Jacket material PUR, halogen-free Jacket color Back Cable diameter 5.9 mm Conductor cross section 0.75 mm² Shelding Unshielded Bending radius - Flexible on > 10 x cable diameter Stationary position > 5 x cable diameter Stationary position > 2,000,000 Reference voltage 2,2000,000 Current loading 4 A Taversing speed 5 m Acceleration 5 m/s² Signal type S m/s² Application Sonsor/actuator cable Signal type Sonsor/actuator cable Flexible Sonsor/actuator cable Signal type Sonsor/actuator cable Application Sonsor/actuator cable Flexible Sonsor/actuator cable Signal type Sonsor/actuator cable Benching column Sonsor/actuator cable Signal type Sonsor/actuator cable Benching column Sonsor/actuator cable Sonsor traition and lubricants So	Tightening torque	0.4 Nm
Jacket color Biak Jacket color Biak Cable diameter 5.7 mm² Conductor cross section Unshielded Shelding Unshielded Bending radius - Flexible us 5.10 x cable diameter Stationary position 5.2 x cable diameter Stationary position 5.2 x cable diameter Reference voltage 2,000,000 Current loading 4.4 Taversing speed 3 m/s Acceleration 5 m/s Signal type Sensition cable Application Sins and lubricants brag chain operation Specification Sins with oils and lubricants brag chain operation Application PioS/PIOFNES	Cable	5 m, 4-wire, PUR, halogen-free
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ShedingDescentionBending radius> 10 xable diameterFexibuo en Stationary position> 10 xable diameterStationary position> 200000Bending cycles> 200000Reference voltage> 2000002 Solo J> 200000Current loading4 ATaversing speedSins/aAcceleration> Sins/aSing log Log> Sins/aSing type> Sins/aAccelerationSins/aSing type> Sins/a currentsApplicationSins/a currentsSing type> Sins/a currentsApplicationSins/a currentsBecomparison> Sins/a currentsSing type> Sins/a currentsApplication> Sins/a currentsBecomparison> Sins/a currentsBecomparison> Sins/a currentsBecomparison> Sins/a currentsBecomparison> Sins/a currentsBecomparison> Sins/a currentsSins currents> Sins/a currentsSins currents> Sins/a currentsSins currents> Sins/a currentsSins currents> Sins currents <tr< th=""><th>Cable diameter</th><th>5.9 mm</th></tr<>	Cable diameter	5.9 mm
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Bending cycles ≥ 2,000,000 Reference voltage ≤ 250 V Current loading 4 A Traversing speed 3 m/s Travelling distance 5 m Acceleration ≤ 5 m/s ² Signal type Sensor/actuator cable Application Description Poscription Head A: female connector, M12, 4-pin, straight Head B: cable: for voltage supply, suit-	Flexible use	> 10 x cable diameter
Reference voltage >250 V Current loading 4 A Traversing speed 3 m/s Travelling distance 5 m Acceleration 5 m/s² Signal type Sensor/actuator cable Application Conse with oils and lubricants Drag chain operation Frederating P65/IP67/IP68 Description Head A: female connector, M12, 4-pin, straight Head B: cable: for voltage supply, suit-	Stationary position	> 5 x cable diameter
Current loading≤ 250 VCurrent loading4 ATraversing speed3 m/sTravelling distance5 mAcceleration5 m/s²Signal typeSensor/actuator cableApplicationConse with oils and lubricants Drag chain operationEnclosure ratingIP65/ IP67/ IP68DescriptionHead A: female connector, M12, 4-pin, straight Head B: cable Cable; for voltage supply, suit-	Bending cycles	≥ 2,000,000
Current loading4 ATraversing speed3 m/sTravelling distance5 mAcceleration5 m/s²Signal typeSensor/actuator cableApplicationCones with oils and lubricants Drag chain operationEnclosure ratingP65/ IP67/ IP68DescriptionHead A: female connector, M12, 4-pin, straight Head B: cable Cables, for voltage supply, suit-	Reference voltage	
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Travelling distance 5 m Acceleration 5 m/s ² Signal type Sensor/actuator cable Application Zones with oils and lubricants Drag chain operation Enclosure rating IP65/ IP67/ IP68 Description Head A: female connector, M12, 4-pin, straight Head B: cable Cable: for voltage supply, suit-	Current loading	4 A
Acceleration S m/s ² Signal type Sensor/actuator cable Application Zones with oils and lubricants Drag chain operation Enclosure rating IP65/ IP67/ IP68 Description Head A: female connector, M12, 4-pin, straight Head B: cable Cable: for voltage supply, suit-	Traversing speed	3 m/s
Signal type Sensor/actuator cable Application Zones with oils and lubricants Drag chain operation Enclosure rating IP65/ IP67/ IP68 Description Head A: female connector, M12, 4-pin, straight Head B: cable Cable: for voltage supply, suit-	Travelling distance	5 m
Application Zones with oils and lubricants Drag chain operation Enclosure rating IP65/ IP67/ IP68 Description Head A: female connector, M12, 4-pin, straight Head B: cable Cable: for voltage supply, suit-	Acceleration	≤ 5 m/s²
Drag chain operation Enclosure rating IP65/ IP67/ IP68 Description Head A: female connector, M12, 4-pin, straight Head B: cable Cable: for voltage supply, suit-	Signal type	Sensor/actuator cable
Description Head A: female connector, M12, 4-pin, straight Head B: cable Cable: for voltage supply, suit-	Application	
•	Enclosure rating	IP65/ IP67/ IP68
	Description	

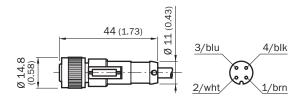
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Ambient operating temperature	
Flexible use	-5 °C +80 °C
Stationary position	-25 °C +80 °C
Head	-25 °C +90 °C

Classifications

	10020340
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

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."

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