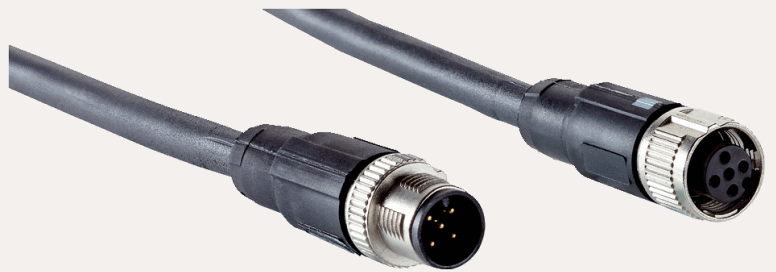


SICK.COM



DATA SHEET

DSL-1205-G05MY

Industrial Ethernet cables and fieldbus cables
Connectors and cables

SICK Sensor Intelligence

CONNECTORS AND CABLES

DSL-1205-G05MY

ORDERING INFORMATION

Type	part no.
DSL-1205-G05MY	6053045

Further device versions and accessories at www.sick.com/Industrial_Ethernet_cables_and_fieldbus_cables



Illustration may differ



DETAILED TECHNICAL DATA

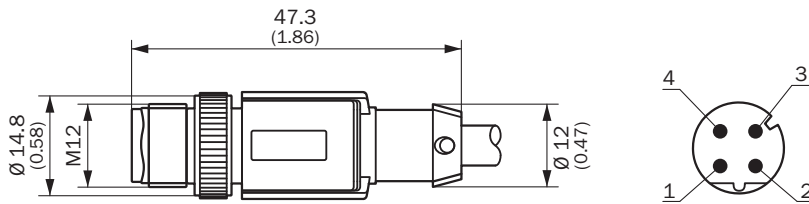
TECHNICAL SPECIFICATIONS

Connection type head A	Female connector, M12, 5-pin, straight				
Connection type head B	Male connector, M12, 5-pin, straight				
Connector material	TPU				
Connector color	Black				
Locking nut material	Zinc die-cast, nickel-plated				
Cable	5 m, 5-wire, PUR, halogen-free				
Jacket material	PUR, halogen-free				
Jacket color	Black				
Cable diameter	6.7 mm				
Conductor cross section	$2 \times 0,34 \text{ mm}^2 + 2 \times 0,25 \text{ mm}^2 + 1 \times 0,34 \text{ mm}^2$				
Shielding	Shielded				
Bending radius	<table border="0"> <tr> <td style="padding-right: 20px;">Flexible use</td> <td>> 10 x cable diameter</td> </tr> <tr> <td>Stationary position</td> <td>> 10 x cable diameter</td> </tr> </table>	Flexible use	> 10 x cable diameter	Stationary position	> 10 x cable diameter
Flexible use	> 10 x cable diameter				
Stationary position	> 10 x cable diameter				
Reference voltage	$\leq 60 \text{ V}$				
Traversing speed	3 m/s				
Travelling distance	4.5 m				
Acceleration	$\leq 3 \text{ m/s}^2$				
Signal type	CANopen, DeviceNet™				
Note	A-coded				
Enclosure rating	IP65/ IP67/ IP69K				

Specialty	Flame-resistant, self-extinguishing	
Operating temperature		
	Flexible use	-20 °C ... +70 °C
	Stationary position	-40 °C ... +80 °C

CERTIFICATES

EU declaration of conformity	✓
UK declaration of conformity	✓
China RoHS	✓

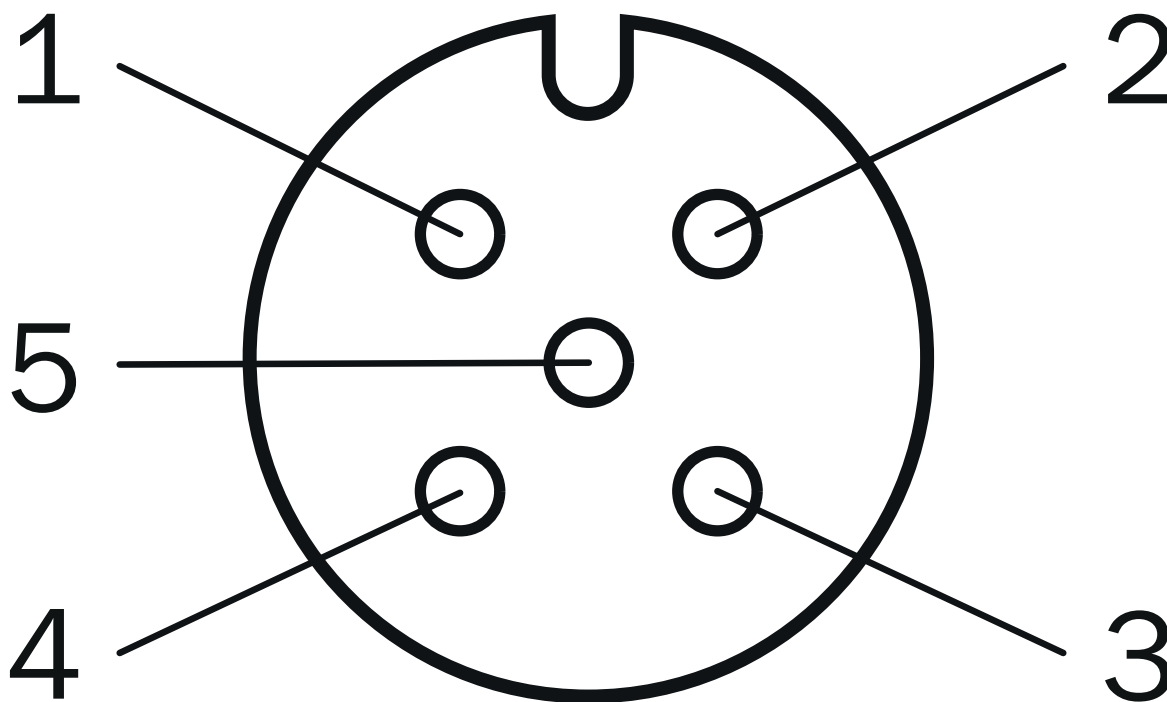
DIMENSIONAL DRAWING

plug connector M12 x1, straight, screened

Dimensions in mm (inch)

- ① Drain wire
- ② Red
- ③ Black
- ④ White
- ⑤ blue

PIN ASSIGNMENT



- ① Drain wire
- ② Red
- ③ Black
- ④ White
- ⑤ blue

Further information as well as suitable accessories, example applications and downloads such as CAD dimensional models, operating instructions and software can be found at www.sick.com/6053045



SICK AG
WALDKIRCH
GERMANY
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SICK AT A GLANCE

SICK is a leading global technology company for intelligent sensors and integrated solutions in industrial automation. Our technologies set benchmarks, making your industrial processes more efficient, safer and more sustainable – both in logistics and manufacturing operations.

SICK combines sensor intelligence with industry expertise and certified consulting services. We provide the ideal foundation for scalable as well as tailor-made automation solutions and create added value along the entire value chain. Our close partnerships with our customers are more than just a promise: Together, we optimize productivity, improve quality, protect health and safety, and help build a sustainable future. All with empathy and trust.

Since 1946, we have been developing innovative technologies with passion and a pioneering spirit. With a global network in around 40 countries, SICK has a global presence and is always close by. The company's headquarters are located in Waldkirch near Freiburg, Germany. Our customers benefit from our understanding of both local and global requirements, which enables us to deliver tailor-made solutions

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