# DSL-1205-G05MY

Industrial Ethernet cables and fieldbus cables

**CONNECTORS AND CABLES**

**SICK**

Sensor Intelligence.

# DSL-1205-G05MY | Industrial Ethernet cables and fieldbus cables

## CONNECTORS AND CABLES



Illustration may differ

### Ordering information

| Type | part no. |
|------|----------|
| DSL-1205-G05MY | 6053045 |

Other models and accessories ➜ www.sick.com/Industrial_Ethernet_cables_and_fieldbus_cables

## 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 x 0,34 mm² + 2 x 0,25 mm² + 1 x 0,34 mm² |
| **Shielding** | Shielded |
| **Bending radius** | |
| Flexible use | > 10 x cable diameter |
| Stationary position | > 10 x cable diameter |
| **Reference voltage** | |
| | ≤ 60 V |
| **Traversing speed** | 3 m/s |
| **Travelling distance** | 4.5 m |
| **Acceleration** | ≤ 3 m/s² |
| **Signal type** | CANopen, DeviceNet™ |
| **Note** | A-coded |
| **Authorizations** | UL |
| **Enclosure rating** | IP65/ IP67/ IP69K |
| **Specialty** | Flame-resistant, self-extinguishing |
| **Operating temperature** | |
| Flexible use | −20 °C ... +70 °C |
| Stationary position | −40 °C ... +80 °C |

### Classifications

| | |
|---|---|
| **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 |

Certificates

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

Dimensional drawing
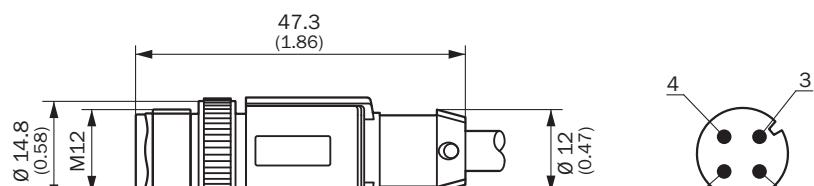


plug connector  M12 x1, straight, screened

Dimensions in mm (inch)
① Drain wire
② Red
③ Black
④ White
⑤ blue

## PIN assignment
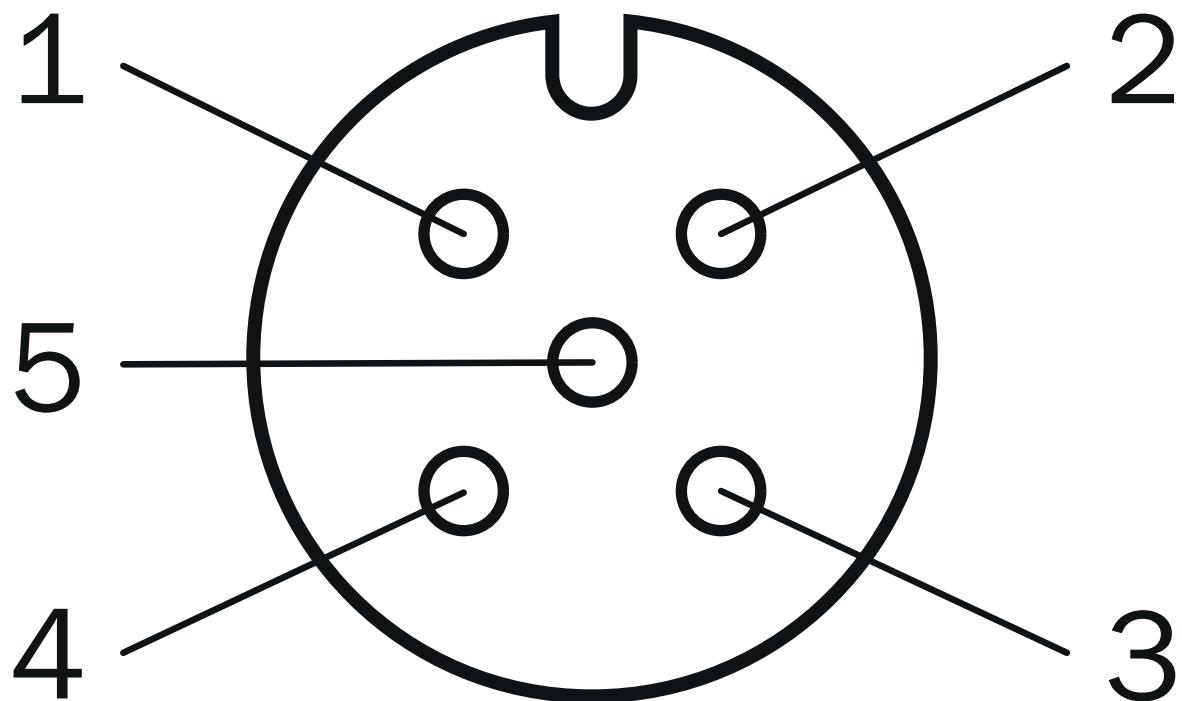


① Drain wire
② Red
③ Black
④ White
⑤ blue

## 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**

**SICK**
Sensor Intelligence.