



DOL-2312-G05MXD2

SICK
Sensor Intelligence.



Ordering information

Type	Part no.
DOL-2312-G05MXD2	2095662

Other models and accessories → www.sick.com/

Detailed technical data

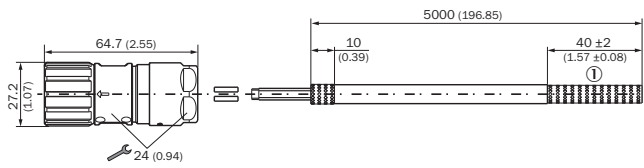
Technical specifications

Accessory group	Plug connectors and cables
Accessory family	Connecting cables
Connection type head A	Female connector, M23, 12-pin, straight
Connection type head B	Flying leads
Locking nut material	Zinc die-cast, nickel-plated
Cable	5 m, 12-wire
Jacket color	Black
Cable diameter	Ø 6.8 mm
Shielding	Shielded
Reference voltage	≤ 300 V
Enclosure rating	(M23) IP65/IP66/IP67/IP69k
Description	Head A: female connector, M23, 12-pin, straight Head B: cable Cable: suitable for drag chain, PUR, shielded, 4 x 2 x 0.25 mm ² + 2 x 0.5 mm ² + 1 x 0.14 mm ² , Ø 6.8 mm
Ambient operating temperature	Head -40 °C ... +125 °C

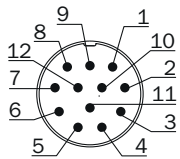
Classifications

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
ETIM 5.0	EC000830
ETIM 6.0	EC000830
ETIM 7.0	EC003249
UNSPSC 16.0901	26121604

Dimensional drawing (Dimensions in mm (inch))



PIN assignment



- ① Red
- ② Blue
- ③ Yellow
- ④ White
- ⑤ Orange
- ⑥ Brown
- ⑦ Purple
- ⑧ Black
- ⑨ Orange/black
- ⑩ Green
- ⑪ Gray
- ⑫ Pink
- ⑬ Screen

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