

DOL-1205-W10MAC

Sensor-actuator cables

CONNECTORS AND CABLES





Ordering information

Туре	part no.
DOL-1205-W10MAC	6041752

Other models and accessories → www.sick.com/Sensor-actuator_cables



Detailed technical data

Technical specifications

Connection type head A	Female connector, M12, 5-pin, angled, A-coded
Connection type head B	Flying leads
Connector material	TPU
Connector color	Black
Locking nut material	Zinc die-cast, nickel-plated
Tightening torque	0.4 Nm
Cable	10 m, 5-wire, PUR, halogen-free
Jacket material	PUR, halogen-free
Jacket color	Black
Cable diameter	5.9 mm
Conductor cross section	0.34 mm ²
Shielding	Shielded
Bending radius	
Flexible use	> 10 x cable diameter
Stationary position	> 5 x cable diameter
Bending cycles	≥ 4,000,000
Reference voltage	
	≤ 60 V
Current loading	4 A
Traversing speed	Max. 3 m/s
Travelling distance	10 m
Acceleration	≤ 10 m/s²
Signal type	HIPERFACE®
Application	Zones with oils and lubricants Drag chain operation
Note	Sensor/actuator cable
Enclosure rating	IP65/ IP67
Operating temperature	
Flexible use	-25 °C +80 °C
Stationary position	-40 °C +80 °C

Head	-25 °C +90 °C

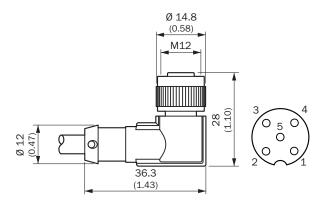
Certificates

EU declaration of conformity	✓
China RoHS	✓

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

Dimensional drawing



female connector M 12 x 1, angled, screened

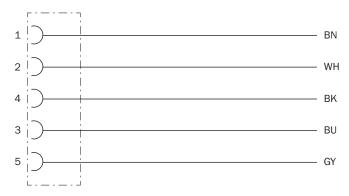
Dimensions in mm (inch)

- ① Brown
- ② White
- ③ blue
- ④ Black
- ⑤ Gray

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PIN assignment



Contact assignment of the M12 female connector

SICK AT A GLANCE

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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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Contacts and other locations -www.sick.com

