SICK.COM

DATA SHEET

DOL-2312-G05MMA3

Sensor-actuator cables
Connectors and cables

SICK Sensor Intelligence

CONNECTORS AND CABLES

DOL-2312-G05MMA3

ORDERING INFORMATION

Type	part no.
DOL-2312-G05MMA3	2029214

Further device versions and accessories at www.sick.com/Sensor-actuator_cables

DETAILED TECHNICAL DATA

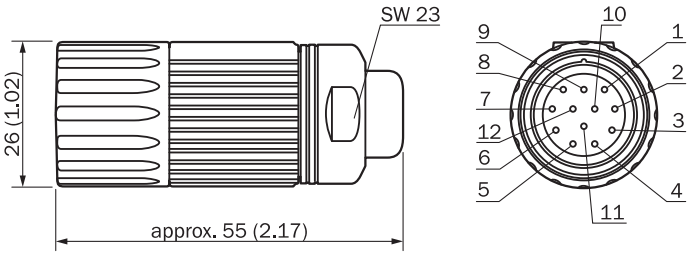
TECHNICAL SPECIFICATIONS

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, PUR, halogen-free
Jacket material	PUR, halogen-free
Jacket color	Black
Cable diameter	7.8 mm
Conductor cross section	4 x 2 x 0.25 mm² + 2 x 0.5 mm² + 2 x 0.14 mm²
Shielding	Shielded
Bending radius	
Stationary position	> 5 x cable diameter
Drag chain operation	> 7.5 x cable diameter
Reference voltage	≤ 160 V
Current loading	7 A
Signal type	Incremental
Application	Zones with oils and lubricants
Enclosure rating	IP66/ IP67

CERTIFICATES

EU declaration of conformity	✓
China RoHS	✓
China Compulsory Product Certification (CCC) exempt	✓

DIMENSIONAL DRAWING



Dimensions in mm (inch)
① Black
② Gray
③ Purple
④ Yellow
⑤ White
⑥ Brown
⑧ Pink
⑨ Shielding
⑩ blue
⑪ Green
⑫ Red

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/2029214

SICK AG
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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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