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DATA SHEET

DOL-1205-W10MQ

Industrial Ethernet cables and fieldbus cables
Connectors and cables

SICK Sensor Intelligence



CONNECTORS AND CABLES

DOL-1205-W10MQ

ORDERING INFORMATION

Type	part no.
DOL-1205-W10MQ	6041425

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

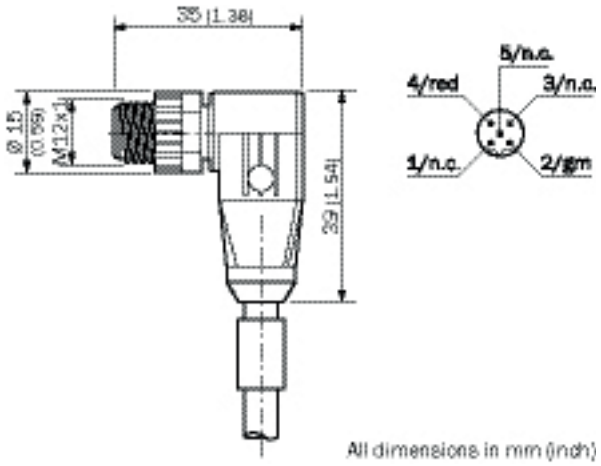
DETAILED TECHNICAL DATA

TECHNICAL SPECIFICATIONS

Connection type head A	Female connector, M12, 5-pin, angled, B-coded
Connection type head B	Flying leads
Connector material	TPU
Connector color	Black
Locking nut material	CuZn, nickel-plated brass
Cable	10 m, 2-wire, PUR, halogen-free
Jacket material	PUR, halogen-free
Jacket color	Violet
Cable diameter	7.6 mm
Conductor cross section	2 x 0.34 mm²
Shielding	Shielded
Bending radius	
Flexible use	> 10 x cable diameter
Stationary position	> 5 x cable diameter
Bending cycles	≤ 1,000,000
Reference voltage	
	≤ 60 V
Rated impulse voltage	1.5 kV
Current loading	4 A
Traversing speed	3 m/s
Travelling distance	5 m
Acceleration	≤ 5 m/s²
Signal type	PROFIBUS DP
Special feature	Twisted pair
Application	Zones with oils and lubricants

Enclosure rating	IP67/ IP68/ IP69K
Operating temperature	
Flexible use	–25 °C ... +80 °C
Stationary position	–50 °C ... +80 °C
Drag chain operation	–25 °C ... +60 °C
Head	–25 °C ... +85 °C

DIMENSIONAL DRAWING



Dimensions in mm (inch)
② Green
④ 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/6041425

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WALDKIRCH
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SICK AT A GLANCE

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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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