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DATA SHEET

YM2D34-200PN4MRJA4

Industrial Ethernet cables and fieldbus cables
Connectors and cables

SICK Sensor Intelligence



CONNECTORS AND CABLES

YM2D34-200PN4MRJA4

ORDERING INFORMATION

Type	part no.
YM2D34-200PN4MRJA4	6050685

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

DETAILED TECHNICAL DATA

TECHNICAL SPECIFICATIONS

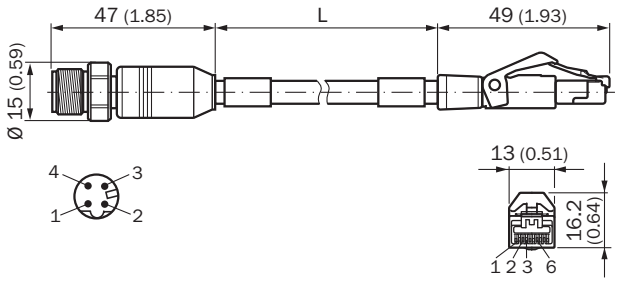
Connection type head A	Male connector, M12, 4-pin, straight, D-coded
Connection type head B	Male connector, RJ45, 4-pin, straight
Connector color	Black
Locking nut material	Stainless steel (V4A/1.4404)
Tightening torque	0.6 Nm
Cable	20 m, 4-wire, CAT5, CAT5e, PUR, halogen-free
Jacket material	PUR, halogen-free
Jacket color	Black
Cable diameter	6.7 mm
Conductor cross section	2 x 2 x 0.34 mm²
Shielding	Shielded
Reference voltage	≤ 60 V
Rated impulse voltage	1 kV
Signal type	Ethernet, PROFINET
Transmission characteristics	CAT5
Data transmission rate	≤ 100 Mbit/s
Application	Cold bending resistant Outdoor Zones with oils and lubricants Seawater resistant
Enclosure rating	IP67 (M12), IP20 (RJ45) [1]
Operating temperature	
Stationary position	–40 °C ... +80 °C
Head	–25 °C ... +85 °C

[1] M12.

CERTIFICATES

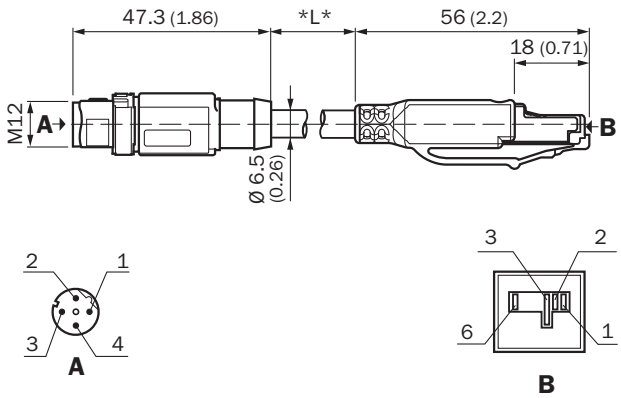
China Compulsory Product Certification (CCC) exempt	✓

DIMENSIONAL DRAWING



Dimensions in mm (inch)

DIMENSIONAL DRAWING



Dimensions in mm (inch)

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/6050685

SICK AG
WALDKIRCH
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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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