

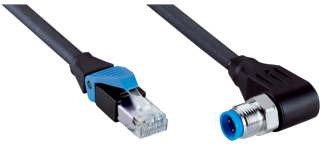


# YN2D34-100PN4MRJA4

Industrial Ethernet cables and fieldbus cables

CONNECTORS AND CABLES

**SICK**  
Sensor Intelligence.



Ordering information

Type	part no.
YN2D34-100PN4MRJA4	2108141

Other models and accessories → [www.sick.com/Industrial\\_Ethernet\\_cables\\_and\\_fieldbus\\_cables](http://www.sick.com/Industrial_Ethernet_cables_and_fieldbus_cables)



Detailed technical data

Technical specifications

Connection type head A	Male connector, M12, 4-pin, angled, 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	10 m, 4-wire, CAT5, 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 mm <sup>2</sup>
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)
Operating temperature	
Stationary position	–40 °C ... +80 °C
Head	–25 °C ... +85 °C

Certificates

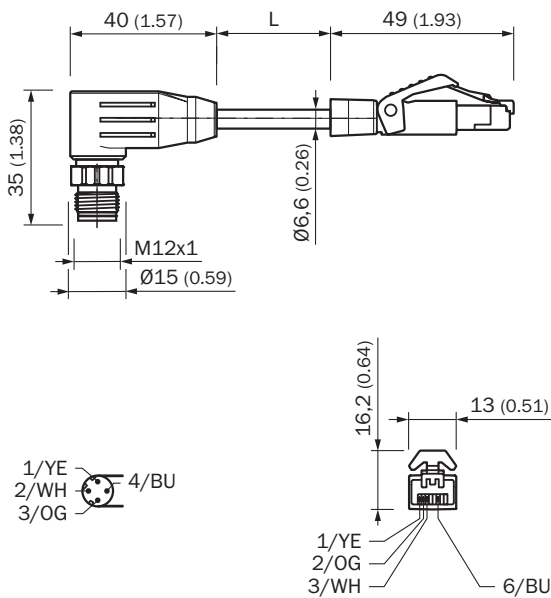
EU declaration of conformity	✓
UK declaration of conformity	✓
China RoHS	✓

Classifications

ECLASS 5.0	19030312
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<b>ECLASS 5.1.4</b>	19030312
<b>ECLASS 6.0</b>	27060304
<b>ECLASS 6.2</b>	27060304
<b>ECLASS 7.0</b>	27060304
<b>ECLASS 8.0</b>	27060304
<b>ECLASS 8.1</b>	27060304
<b>ECLASS 9.0</b>	27060304
<b>ECLASS 10.0</b>	27060304
<b>ECLASS 11.0</b>	27060304
<b>ECLASS 12.0</b>	27060304
<b>ETIM 5.0</b>	EC000830
<b>ETIM 6.0</b>	EC000830
<b>ETIM 7.0</b>	EC003249
<b>ETIM 8.0</b>	EC003249
<b>UNSPSC 16.0901</b>	26121604

### Dimensional drawing



Dimensions in mm (inch)

## 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](http://www.sick.com)