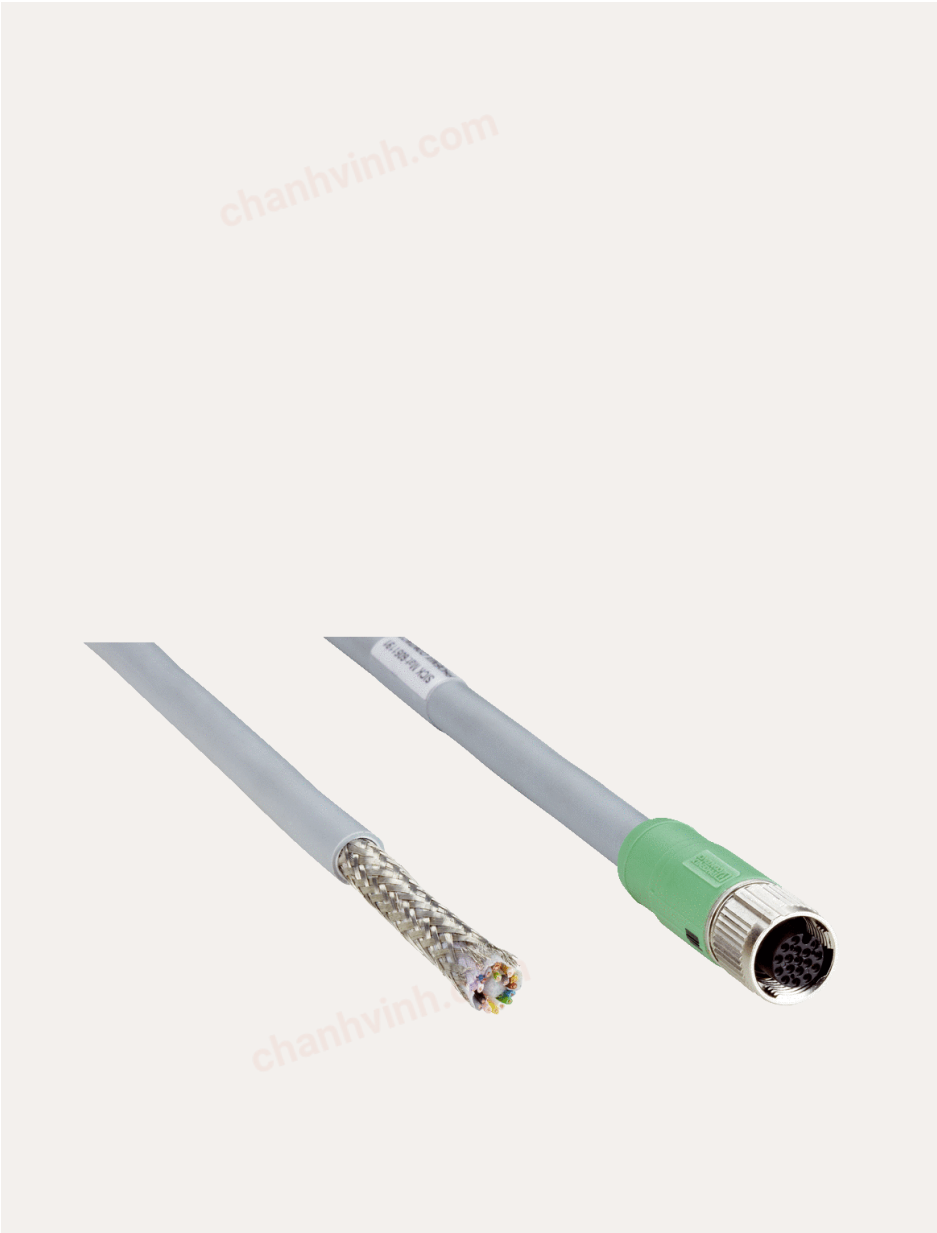
chanhvinh.com

SICK.COM



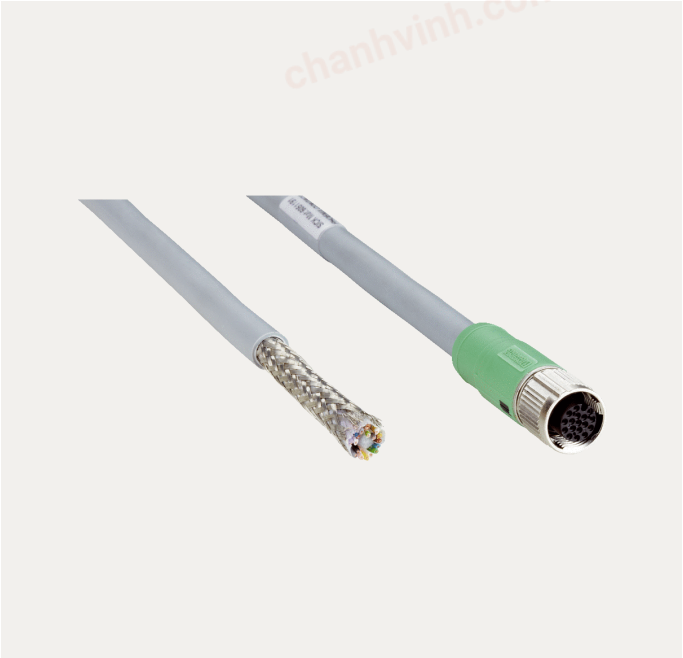
DATA SHEET

YF2ASD-050XXXXLECX

Other connectors and cables
Connectors and cables

SICK Sensor Intelligence

chanhvinh.com



CONNECTORS AND CABLES

YF2ASD-050XXXXLECX

ORDERING INFORMATION

Type	part no.
YF2ASD-050XXXXLECX	2070426

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

DETAILED TECHNICAL DATA

TECHNICAL SPECIFICATIONS

Connection type head A	Female connector, M12, 17-pin, straight, A-coded
Connection type head B	Flying leads
Connection type	Flying leads
Locking plug connector	Quick screw connection
Cable	5 m, 17-wire, stripped, PE-X
Jacket material	PE-X
Cable diameter	9.1 mm
Shielding	Shielded
Bending radius	
Flexible use	> 10 x cable diameter
Stationary position	> 5 x cable diameter
Drag chain operation	> 10 x cable diameter
Bending cycles	1,000,000
Traversing speed	3 m/s
Travelling distance	10 m
Acceleration	≤ 10 m/s²
Signal type	Power, serial, CAN, digital I/Os
Special feature	Suitable for 2 A, Changed color coding of the flying leads
Application	Drag chain operation
Note	Max. permissible current strength at ambient temperature 50 °C: Contact 1 (blue) and contact 2 (brown): 3 A while the remaining contacts are operated with max. 100 mA; max. permissible current strength at ambient temperature 40 °C: 2 A for two and 1.5 A for 15 contacts.
Operating temperature	
Flexible use	–25 °C ... +80 °C
Stationary position	–40 °C ... +80 °C

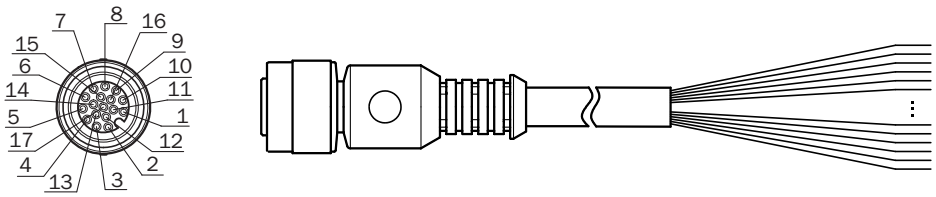
CERTIFICATES

EU declaration of conformity	✓

chanhvinh.com

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

PIN ASSIGNMENT



① blue
② Brown
③ Green
④ White
⑤ Pink
⑥ Yellow
⑦ Black
⑧ Gray
⑨ White-black
⑩ Violet
⑪ Gray-pink
⑫ Red-blue
⑬ White-green
⑭ Brown-green
⑮ White-yellow
⑯ Yellow-brown
⑰ White-gray

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/2070426

chanhvinh.com

SICK AG
WALDKIRCH
GERMANY
SICK.COM

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

SICK
Sensor Intelligence