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DATA SHEET

YG2A88-050XXXM2A88

Sensor-actuator cables
Connectors and cables

SICK Sensor Intelligence



CONNECTORS AND CABLES

YG2A88-050XXXM2A88

ORDERING INFORMATION

Type	part no.
YG2A88-050XXXM2A88	6049328

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

DETAILED TECHNICAL DATA

TECHNICAL SPECIFICATIONS

Connection type head A	Female connector, M12, 8-pin, angled, A-coded
Connection type head B	Male connector, M12, 8-pin, A-coded
Cable	5 m, 8-wire, PUR
Jacket material	PUR
Jacket color	Gray
Conductor cross section	0.25 mm²
Bending radius	
Flexible use	57 mm
Stationary position	57 mm
Bending cycles	3,000,000
Reference voltage	
	≤ 30 V
Traversing speed	1.4 m/s
Application	Drag chain operation Zones with oils and lubricants
Enclosure rating	IP65/ IP67/ IP69K
Operating temperature	
Flexible use	–40 °C ... +80 °C
Stationary position	–50 °C ... +80 °C
Contamination rating	3
Insulation resistance	≥ 100 MΩ
Overvoltage category	II
Specific insulation resistance	≤ 5 mΩ

CERTIFICATES

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

China Compulsory Product Certification (CCC) exempt	✓

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/6049328

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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