



# YG2A88-100XXXM2A88

Sensor-actuator cables

**CONNECTORS AND CABLES**

**SICK**  
Sensor Intelligence.



Ordering information

Type	part no.
YG2A88-100XXM2A88	6049329

Other models and accessories → [www.sick.com/Sensor-actuator\\_cables](http://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, straight, A-coded
Cable	10 m, 8-wire, PUR, halogen-free
Jacket material	PUR, halogen-free
Jacket color	Gray
Conductor cross section	0.25 mm <sup>2</sup>
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
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

Classifications

ECLASS 5.0	19030312
ECLASS 5.1.4	19030312
ECLASS 6.0	27060304
ECLASS 6.2	27060304
ECLASS 7.0	27060304
ECLASS 8.0	27060304
ECLASS 8.1	27060304
ECLASS 9.0	27060304

ECLASS 10.0	27060304
ECLASS 11.0	27060304
ECLASS 12.0	27060304
ETIM 5.0	EC000830
ETIM 6.0	EC000830
ETIM 7.0	EC003249
ETIM 8.0	EC003249
UNSPSC 16.0901	26121604

Certificates

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

## 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)