



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



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 ²	
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	✓

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

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