



YG2A14-020S01M2A13

Other connectors and cables

CONNECTORS AND CABLES

SICK
Sensor Intelligence.



Ordering information

Type	part no.
YG2A14-020S01M2A13	2105152

Illustration may differ

Other models and accessories → www.sick.com/Other_connectors_and_cables

Detailed technical data

Technical specifications

Connection type head A	Female connector, M12, 4-pin, angled	
Connection type head B	Male connector, M12, 4-pin, straight	
Connector material	TPU	
Connector color	Black	
Locking nut material	Zinc die-cast, nickel-plated	
Tightening torque	0.6 Nm	
Cable	2 m, 3-wire, PUR	
Jacket material	PUR	
Jacket color	Black	
Cable diameter	4.1 mm	
Conductor cross section	0.34 mm ²	
Shielding	Unshielded	
Bending radius		
	Flexible use	> 10 x cable diameter
	Stationary position	> 5 x cable diameter
Bending cycles	≤ 5,000,000	
Rated impulse voltage	2.5 kV	
Traversing speed	≤ 3.3 m/s	
Travelling distance	5 m	
Acceleration	≤ 5 m/s ²	
Special feature	Drag chain use	
Application	Zones with chemicals Zones with oils and lubricants	
Authorizations	CE UL	
Enclosure rating	IP65 / IP66K / IP67	
Operating temperature		
	Flexible use	-25 °C ... +80 °C
	Stationary position	-40 °C ... +80 °C
	Head	-25 °C ... +85 °C

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	✓
China-RoHS	✓

PIN assignment



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