YG2A15-050VB5XLEAX

Sensor/actuator cable

CONNECTORS AND CABLES



YG2A15-050VB5XLEAX | Sensor/actuator cable

CONNECTORS AND CABLES



Ordering information

Туре	part no.
YG2A15-050VB5XLEAX	2096216

Other models and accessories -> www.sick.com/Sensor_actuator_cable

CE

Detailed technical data

Technical specifications

Connection type head A		Female connector, M12, 5-pin, angled, A-coded
Connection type head B		Flying leads
Locking plug connector		Screw connection
Connector material		TPU
Connector color		Black
Locking nut material		Zinc die-cast, nickel-plated
Seal material		FKM
Tightening torque		0.6 Nm
Width across flats		13
Cable		5 m, 5-wire, PVC
Jacket material		PVC
Jacket color		Gray
Cable diameter		5.2 mm
Conductor cross section		0.34 mm ²
Shielding		Unshielded
Bending radius		
	Flexible use	> 10 x cable diameter
	Stationary position	> 5 x cable diameter
Nominal voltage, cable		300 V AC
Test voltage, cable		2,000 V AC
Reference voltage		
		125 V AC
		125 V DC
Rated impulse voltage		1.5 kV
Current loading		4 A
Signal type		Sensor/actuator cable
Application		Zones with chemicals Uncontaminated zones

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Authorizations	CE UL
UL File No.	E335179
Enclosure rating	IP65 / IP66K / IP67
Operating temperature	
Flexible use	-5 °C +80 °C
Stationary position	-30 °C +80 °C
Head	-25 °C +85 °C
Contamination rating	3
Insulation resistance	100 ΜΩ
Overvoltage category	III
Specific insulation resistance	30 mΩ
Thermal resistance, piping	Flame retardant according to UL 1581 VW1 / CSA FT1

Certificates

EU declaration of conformity	\checkmark
UK declaration of conformity	✓
Moroccan declaration of conformity	\checkmark
China-RoHS	\checkmark
cULus certificate	✓

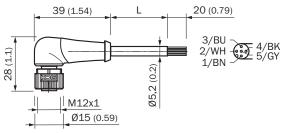
Classifications

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

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Dimensional drawing



Dimensions in mm (inch)

Recommended accessories

Other models and accessories -> www.sick.com/Sensor_actuator_cable

	Brief description	Туре	part no.		
connectors and cables					
	 Connection type head A: Male connector, M12, 5-pin, straight, A-coded Description: Unshielded, Head A: male connector, M12, 5-pin, straight, unshielded, for cable diameter 4 mm 6 mm Head B: - Connection systems: Screw-type terminals Permitted cross-section: ≤ 0.75 mm² Note: For field bus technology 	STE-1205-G	6022083		
	 Connection type head A: Female connector, M12, 5-pin, straight, A-coded Description: Unshielded, Head A: female connector, M12, 5-pin, straight, unshielded, for cable diameter 4 mm 6 mm Head B: - Connection systems: Screw-type terminals Permitted cross-section: ≤ 0.75 mm² 	DOS-1205-G	6009719		
Mounting systems					
	 Description: M12 mounting key set for SW13 with calibrated torque 0.6 Nm Packing unit: 1 piece Suitable for: M12 Standard 	TOOL-TW06M12AF13	5337208		

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



Online data sheet

