

YG8U13-100UA1XLEAX



YG8U13-100UA1XLEAX



Ordering information

Туре	Part no.
YG8U13-100UA1XLEAX	2095588

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



Detailed technical data

Technical specifications

Accessory group Pilogeometers and cables Accessory family Connectior cables Connection type head A Fenale connector, M8, 3-pin, angled, A-coded Connection type head A Biylig leads Locking plug connector Screw connection Connector material TPU Connector color Biack Connector color Biack Cableg nut material Cine decast, nickel-plated Scal material KM Yight across flats 9 Cable Ong. Avine, PUR, halogen free Cable diameter Longen-free Conductor cross-section Q.Back Conductor cross-section O.S ram ² Stationary position Social cial meter Stationary position Sociable diameter <td< th=""><th>•</th><th></th><th></th></td<>	•		
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Bending cycles10,000,000Reference voltage< 60 V DC		Stationary position	> 5 x cable diameter
Reference voltage ≤ 60 V DC Rated impulse voltage 1.5 kV Current loading 4 A Traversing speed 3 m/s Travelling distance 10 m		Drag chain operation	> 10 x cable diameter
Rated impulse voltage 1.5 kV Current loading 4 A Traversing speed 3 m/s Travelling distance 10 m	Bending cycles		10,000,000
Current loading4 ATraversing speed3 m/sTravelling distance10 m	Reference voltage		≤ 60 V DC
Traversing speed 3 m/s Travelling distance 10 m	Rated impulse voltage		1.5 kV
Travelling distance 10 m	Current loading		4 A
	Traversing speed		3 m/s
Acceleration ≤ 10 m/s ²	Travelling distance		10 m
	Acceleration		≤ 10 m/s²

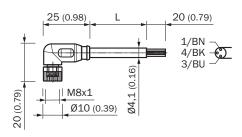
Signal type	Sensor/actuator cable	
Torsion force	180°/1m	
Torsion cycles	2,000,000	
Cycles per minutes	35	
Application	Zones with oils and lubricants Drag chain operation	
Authorizations	UL	
UL File No.	E335179	
Enclosure rating	IP65 / IP66K / IP67	
Ambient operating temperature		
Flexible use	-25 °C +80 °C	
Stationary position	-40 °C +80 °C	
Drag chain operation	-25 °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, cable	Flame retardant according to UL 1581, horizontal flame test/CSA FT2 / IEC 60332-1, IEC 60332-2-2	

Classifications

ECI@ss 5.0	19030312
ECI@ss 5.1.4	19030312
ECI@ss 6.0	27060304
ECI@ss 6.2	27060304
ECI@ss 7.0	27060304
ECI@ss 8.0	27060304
ECI@ss 8.1	27060304
ECI@ss 9.0	27060304
ECI@ss 10.0	27060304
ECI@ss 11.0	27060304
ETIM 5.0	EC000830
ETIM 6.0	EC000830
ETIM 7.0	EC003249
UNSPSC 16.0901	26121604

YG8U13-100UA1XLEAX

Dimensional drawing (Dimensions in mm (inch))



Recommended accessories

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

	Brief description	Туре	Part no.			
Other mounting accessories						
	1 piece, M8 mounting key set for SW9 with calibrated torque 0.4 Nm	TOOL-TW04M08AF09	5337207			
Plug connectors and cables						
	Head A: female connector, M8, 3-pin, straight Head B: - Cable: unshielded	DOS-0803-G	7902077			
	Head A: male connector, M8, 3-pin, straight Head B: - Cable: unshielded	STE-0803-G	6037322			

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:

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Online data sheet

