

YF8U14-030VA3M8U14

Sensor-actuator cables

CONNECTORS AND CABLES





Ordering information

Туре	part no.
YF8U14-030VA3M8U14	2096615

Other models and accessories → www.sick.com/Sensor-actuator_cables



Detailed technical data

Technical specifications

real apacinations		
Connection type head A	Female connector, M8, 4-pin, straight, A-coded	
Connection type head B	Male connector, M8, 4-pin, straight, A-coded	
Locking plug connector	Screw connection	
Connector material	TPU	
Connector color	Black	
Locking nut material	Zinc die-cast, nickel-plated (female connector), Nickel-plated brass (male connector)	
Seal material	FKM	
Tightening torque	0.4 Nm	
Width across flats	9	
Cable	3 m, 4-wire, PVC	
Jacket material	PVC	
Jacket color	Gray	
Cable diameter	4.8 mm	
Conductor cross section	0.25 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		
	50 V AC	
	60 V DC	
Rated impulse voltage	1.5 kV	
Current loading	4 A	
Signal type	Sensor/actuator cable	
Application	Zones with chemicals Uncontaminated zones	
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

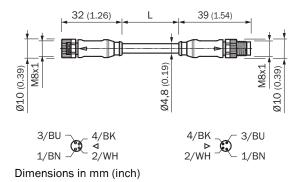
Certificates

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

Dimensional drawing



Recommended accessories

Other models and accessories → www.sick.com/Sensor-actuator_cables

	Brief description	Туре	part no.
Mounting syst	tems		
1	 Description: M8 mounting key set for SW9 with calibrated torque 0.4 Nm Packing unit: 1 piece Suitable for: M8 Standard 	TOOL-TW04M08AF09	5337207

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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."

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