

YF8U14-015VA3M8U14

Sensor/actuator cable

PLUG CONNECTORS AND CABLES





Ordering information

Туре	Part no.
YF8U14-015VA3M8U14	2096613

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



Detailed technical data

Technical specifications

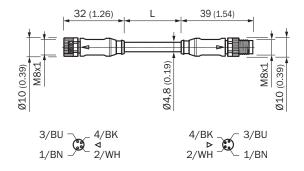
Accessory group Plug connectors and cables Accessory family Connection cables Connection type head A Female connector, M8, 4-pin, straight, A-coded Connection type head B Male connector, M8, 4-pin, straight, A-coded Locking plug connector Screw connection Connector material TPU Connector color Black Locking nut material KKM Tightening torque 0.4 Nm Width across flats 9 Cable 1.5 m, 4-wire, PVC Jacket material VVC Jacket color Gray Cable diameter 4.8 mm Conductor cross section 0.25 mm² Shelding Unshielded Bending radius >10 x cable diameter Stationary position >5 x cable diameter Stationary position 5 x cable diameter Rominal voltage, cable 300 V AC	reclinical specifications			
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 1.5 m, 4-wire, PVC Jacket material PVC Jacket color Gray Cable diameter 4.8 mm Conductor cross section 0.25 mm² Shielding Unshielded Bending radius Flexible use Stationary position > 5 x cable diameter Nominal voltage, cable 300 V AC	Accessory group	Plug connectors and cables		
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 1.5 m, 4-wire, PVC Jacket material PVC Jacket color Gray Cable diameter 4.8 mm Conductor cross section 0.25 mm² Shielding Unshielded Bending radius > 10 x cable diameter Stationary position > 5 x cable diameter Nominal voltage, cable 300 V AC	Accessory family	Connection cables		
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Connector colorBlackLocking nut materialZinc die-cast, nickel-plated (female connector), Nickel-plated brass (male connector)Seal materialFKMTightening torque0.4 NmWidth across flats9Cable1.5 m, 4-wire, PVCJacket materialPVCJacket colorGrayCable diameter4.8 mmConductor cross section0.25 mm²ShieldingUnshieldedBending radius> 10 x cable diameterStationary position> 5 x cable diameterNominal voltage, cable300 V AC	Locking plug connector	Screw connection		
Locking nut materialZinc die-cast, nickel-plated (female connector), Nickel-plated brass (male connector)Seal materialFKMTightening torque0.4 NmWidth across flats9Cable1.5 m, 4-wire, PVCJacket materialPVCJacket colorGrayCable diameter4.8 mmConductor cross section0.25 mm²ShieldingUnshieldedBending radius> 10 x cable diameterStationary position> 5 x cable diameterNominal voltage, cable300 V AC	Connector material	TPU		
Seal materialFKMTightening torque0.4 NmWidth across flats9Cable1.5 m, 4-wire, PVCJacket materialPVCJacket colorGrayCable diameter4.8 mmConductor cross section0.25 mm²ShieldingUnshieldedBending radius> 10 x cable diameterStationary position> 5 x cable diameterNominal voltage, cable300 V AC	Connector color	Black		
Tightening torque Width across flats 9 Cable 1.5 m, 4-wire, PVC Jacket material PVC Gray Cable diameter 4.8 mm Conductor cross section Shielding Unshielded Flexible use Stationary position Nominal voltage, cable 0.4 Nm 9 Conductor Conducto	Locking nut material	Zinc die-cast, nickel-plated (female connector), Nickel-plated brass (male connector)		
Width across flats Cable 1.5 m, 4-wire, PVC Jacket material PVC Gray Cable diameter Conductor cross section Shielding Bending radius Flexible use Stationary position Nominal voltage, cable 1.5 m, 4-wire, PVC Gray 4.8 mm 0.25 mm² Unshielded PVC Gray 4.8 mm 0.25 mm² 1.5 m, 4-wire, PVC Gray Austria Cable Flexible use Stationary position Stationary position Stationary position 300 V AC	Seal material	FKM		
Cable Jacket material Jacket color Gray Cable diameter Conductor cross section Shielding Bending radius Flexible use Stationary position Nominal voltage, cable 1.5 m, 4-wire, PVC PVC Gray 4.8 mm 0.25 mm² Unshielded Unshielded **To x cable diameter* **T	Tightening torque	0.4 Nm		
Jacket material Jacket color Gray Cable diameter 4.8 mm Conductor cross section O.25 mm² Unshielded Bending radius Flexible use Stationary position Stationary position Nominal voltage, cable PVC Gray A.8 mm 0.25 mm² Unshielded > 10 x cable diameter > 5 x cable diameter > 5 x cable diameter > 300 V AC	Width across flats	9		
Jacket color Cable diameter 4.8 mm Conductor cross section Shielding Unshielded Flexible use Stationary position Stationary position Nominal voltage, cable Gray 4.8 mm 0.25 mm² Unshielded > 10 x cable diameter > 5 x cable diameter > 5 x cable diameter	Cable	1.5 m, 4-wire, PVC		
Cable diameter 4.8 mm Conductor cross section 0.25 mm² Shielding Unshielded Bending radius Flexible use Stationary position > 5 x cable diameter Nominal voltage, cable 300 V AC	Jacket material	PVC		
Conductor cross section Shielding Bending radius Flexible use Stationary position Nominal voltage, cable 0.25 mm² Unshielded > 10 x cable diameter > 5 x cable diameter > 300 V AC	Jacket color	Gray		
Shielding Bending radius Flexible use > 10 x cable diameter Stationary position > 5 x cable diameter Nominal voltage, cable 300 V AC	Cable diameter	4.8 mm		
Flexible use Stationary position > 5 x cable diameter > 5 x cable diameter > 300 V AC	Conductor cross section	0.25 mm ²		
Flexible use Stationary position > 10 x cable diameter > 5 x cable diameter Nominal voltage, cable 300 V AC	Shielding	Unshielded		
Stationary position > 5 x cable diameter Nominal voltage, cable 300 V AC	Bending radius			
Nominal voltage, cable 300 V AC	Flexible use	> 10 x cable diameter		
	Stationary position	> 5 x cable diameter		
Test voltage, cable 2,000 V AC	Nominal voltage, cable	300 V AC		
	Test voltage, cable	2,000 V AC		
Reference voltage	Reference voltage			
50 V AC		50 V AC		
60 V DC		60 V DC		
Rated impulse voltage 1.5 kV	Rated impulse voltage	1.5 kV		
Current loading 4 A	Current loading	4 A		
Signal type Sensor/actuator cable	Signal type	Sensor/actuator cable		
Application Zones with chemicals	Application	Zones with chemicals		
Authorizations UL	Authorizations	UL		

UL File No.	E335179
Enclosure rating	IP65 / IP66K / IP67
Ambient 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

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 (Dimensions in mm (inch))



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Recommended accessories

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

	Brief description	Туре	Part no.	
Other mounting accessories				
	1 piece, M8 mounting key set for SW9 with calibrated torque 0.4 Nm	TOOL-TWO4M08AF09	5337207	

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