

YF8U14-080VA3XLEAX

Sensor/actuator cable





Ordering information

Туре	Part no.
YF8U14-080VA3XLEAX	2137327

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

Detailed technical data

Technical specifications

Connection type head B Female connector, M8, 4-pin, straight, 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 Understate 9 Cable 8 m, 4-wire, PVC Jacket anterial PVC Jacket color Gray Cable diameter 4.8 mm Conductor cross section 0.25 mm² Shelding Unshielded Bending radius Fixible use Stationary position of S		
Locking plug connector Screw connection Connector material TPU Connector color Black Locking nut material Zinc die-cast, nickel-plated Seal material FKM Tightening torque 0.4 Nm Width across flats 9 Cable 8 m, 4-wire, PVC Jacket material PVC Jacket color Gray Cable diameter 4.8 mm Conductor cross section 0.25 mm² Shelding Unshielded Bending radius Flexible use 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 Authorizations ULL CE <th>Connection type head A</th> <th>Female connector, M8, 4-pin, straight, A-coded</th>	Connection type head A	Female connector, M8, 4-pin, straight, A-coded
Connector color Elack Locking nut material Zinc die-cast, nickel-plated Seal material FKM Tightening torque 0.4 Nm Width across flats 9 Cable 8 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 > 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 Authorizations UL CE	Connection type head B	Flying leads
Connector color Locking nut material Zinc die-cast, nickel-plated Seal material FKM Tightenling torque 0.4 Nm Width across flats 9 Cable 8 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 Stationary position 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 Application Authorizations UL CE Signal type Authorizations UL CE Locket Application Jonatha voltage, cable alimeter Sensor/actuator cable Joneontaminated zones Authorizations	Locking plug connector	Screw connection
Locking nut material Seal material FKM O.4 Nm Width across flats 9 Cable 8 m, 4-wire, PVC Jacket material PVC Gray Cable diameter 4.8 mm Conductor cross section Shielding Bending radius Flexible use Stationary position Nominal voltage, cable Test voltage, cable So V AC 60 V DC Rated impulse voltage Current loading 4 A Signal type Authorizations Zinc die-cast, nickel-plated FKM 0.4 Nm 0.4 Nm 9 VAN 0.4 Nm 0.2 Nm 2 Sinc die-cast, nickel-plated FKM 0.4 Nm 0.4 Nm 9 VAC 0.5 mm 2 So v AC 60 V DC Rated impulse voltage Lisky Current loading Authorizations Juncontaminated zones Authorizations Juncontaminated zones	Connector material	TPU
Seal material FKM Tightening torque 0.4 Nm Width across flats 9 Cable 8 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 Nominal voltage, cable 300 V AC Test voltage, cable 2,000 V AC Reference voltage 50 V AC 60 V DC 60 V DC Rated impulse voltage 1.5 kV Current loading 4 A Signal type Sensor/actuator cable Application Zones with chemicals Uncontaminated zones Authorizations UL CE	Connector color	Black
Tightening torque Width across flats 9 Cable 8 m, 4-wire, PVC Jacket material PVC Cable diameter 4.8 mm Conductor cross section Shielding Bending radius Flexible use Stationary position Nominal voltage, cable Test voltage, cable Reference voltage Flexible voltage 50 V AC 60 V DC Rated impulse voltage Current loading 4 A Signal type Application Authorizations 8 m, 4-wire, PVC 9 8 m, 4-wire, PVC 10 8 m, 4-wire, PVC 10 10 10 10 10 10 10 10 10 1	Locking nut material	Zinc die-cast, nickel-plated
Width across flats 9 Cable 8 m, 4-wire, PVC Jacket material PVC Jacket color Gray Cable diameter 4.8 mm Conductor cross section 0.25 mm² Shelding Unshielded Bending radius Flexible use Stationary position Flexible use 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 60 V DC Rated impulse voltage 1.5 kV Current loading 4 A Signal type Sensor/actuator cable Application Uncontaminated zones Authorizations UL CE	Seal material	FKM
Cable 8 m, 4-wire, PVC Jacket material PVC Gray Cable diameter 4.8 mm Conductor cross section 0.25 mm² Shielding Unshielded Bending radius Flexible use Stationary position > 5 x cable diameter > 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 UL CE UL CE Gray 4.8 mm 2.02 mm² 4.8 mm 2.02 mm² 2.03 cable diameter 5 x x cable diameter	Tightening torque	0.4 Nm
Jacket material PVC Gray Cable diameter 4.8 mm Conductor cross section 0.25 mm² Shielding Unshielded Bending radius Flexible use Stationary position > 5 x cable diameter > 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 Uncontaminated zones Authorizations PVC Unshielded 0.25 mm² 2 x cable diameter 5 x x x x x x x x x x x x x x x x x x	Width across flats	9
Jacket color Cable diameter 4.8 mm 0.25 mm² Shielding Unshielded Bending radius Flexible use Stationary position Nominal voltage, cable 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 Application Authorizations Gray 4.8 mm 4.8 mm 4.8 mm 5.25 mm² 5 mm² 5 x cable diameter 5 x x cable diameter	Cable	8 m, 4-wire, PVC
Cable diameter Conductor cross section 0.25 mm² Unshielded Bending radius Flexible use Stationary position Nominal voltage, cable Test voltage, cable Reference voltage 50 V AC 60 V DC Rated impulse voltage 1.5 kV Current loading Signal type Application Authorizations 4.8 mm 0.25 mm² Unshielded > 10 x cable diameter > 5 x cable diameter > 5 x cable diameter > 50 V AC 60 V DC Rated impulse voltage 1.5 kV Current loading 4 A Signal type Application UL CE	Jacket material	PVC
Conductor cross section Shielding Bending radius Flexible use Stationary position Nominal voltage, cable Test voltage, cable Test voltage 50 V AC 60 V DC Rated impulse voltage Current loading Signal type Application O.25 mm² Unshielded Unshielded Vacable diameter > 5 x cable diameter 300 V AC 2,000 V AC 60 V DC Rated impulse voltage UL CE	Jacket color	Gray
Shielding Bending radius Flexible use Stationary position Nominal voltage, cable Test voltage, cable Reference voltage 50 V AC 60 V DC Rated impulse voltage L1.5 kV Current loading Signal type Application Unshielded > 10 x cable diameter > 5 x cable diameter 300 V AC 2,000 V AC 60 V DC Rated impulse voltage L1.5 kV LCE Authorizations Uncontaminated zones ULCE	Cable diameter	4.8 mm
Bending radius Flexible use Stationary position 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 UL CE	Conductor cross section	0.25 mm ²
Flexible use Stationary position 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 Signal type Application Authorizations > 10 x cable diameter > 5 x cable diameter 300 V AC 2,000 V AC 2,000 V AC 4 A So v AC 60 V DC 2.5 kV 4 A Sensor/actuator cable Uncontaminated zones UL CE	Shielding	Unshielded
Stationary position > 5 x cable diameter	Bending radius	
Nominal voltage, cable 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 Application Zones with chemicals Uncontaminated zones Authorizations UL CE	Flexible use	> 10 x cable diameter
Test voltage, cable 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 Authorizations UL CE	Stationary position	> 5 x cable diameter
Reference voltage 50 V AC 60 V DC Rated impulse voltage 1.5 kV Current loading 4 A Signal type Sensor/actuator cable Zones with chemicals Uncontaminated zones Authorizations UL CE	Nominal voltage, cable	300 V AC
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 CE	Test voltage, cable	2,000 V AC
Rated impulse voltage 1.5 kV Current loading 4 A Signal type Sensor/actuator cable Application Zones with chemicals Uncontaminated zones UL CE	Reference voltage	
Rated impulse voltage Current loading 4 A Signal type Sensor/actuator cable Zones with chemicals Uncontaminated zones UL CE		50 V AC
Current loading 4 A Signal type Sensor/actuator cable Application Zones with chemicals Uncontaminated zones Authorizations UL CE		60 V DC
Signal type Application Zones with chemicals Uncontaminated zones UL CE	Rated impulse voltage	1.5 kV
Application Zones with chemicals Uncontaminated zones UL CE	Current loading	4 A
Authorizations Uncontaminated zones UL CE	Signal type	Sensor/actuator cable
CE	Application	
Enclosure rating IP65 / IP66K / IP67	Authorizations	
	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

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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