

YF2A24-060VB4XLEAX

Sensor/actuator cable





Ordering information

Туре	Part no.
YF2A24-060VB4XLEAX	2116009

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



Detailed technical data

Technical specifications

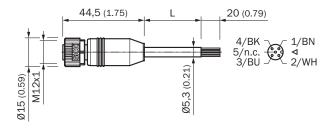
Connection type head A Female connector, M12, 4-pin, straight, A-coded Connection type head B Flying leads Locking plug connector Screw connection Connector material TPU Connector color Black Locking nut material Zinc die-cast, nickel-plated Seal material FKM Tightening torque 0.6 Nm Width across flats 13 Cable 6 m, 4-wire, PVC Jacket color Gray Cable diameter 5.3 mm Conductor cross section 0.34 mm² Shielding Shielded Bending radius > 10 x cable diameter Nominal voltage, cable 300 V AC Test voltage, cable 2,000 V AC Reference voltage 60 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		
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 6 m, 4-wire, PVC Jacket material PVC Jacket color Gray Cable dlameter 5.3 mm Conductor cross section 0.34 mm² Shielded Bending radius Stationary position > 10 x cable dlameter Nominal voltage, cable 300 V AC Test voltage, cable 2,000 V AC Reference voltage 60 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 CE	Connection type head A	Female connector, M12, 4-pin, straight, A-coded
Connector material Connector color Black Locking nut material Seal material FKM Tightening torque 0.6 Nm Width across flats 13 Cable 6 m, 4-wire, PVC Jacket material PVC Jacket material PVC Jacket color Gray Cable diameter 5.3 mm Conductor cross section O.34 mm² Shielding Stationary position Nominal voltage, cable Test voltage, cable Reference voltage 60 V AC 60 V DC Rated Impulse voltage 1.5 kV Signal type Application Zones with chemicals Uncontaminated zones Authorizations Circle Cones (Cones of the Cones	Connection type head B	Flying leads
Connector color Locking nut material Seal material FKM Tightening torque 0.6 Nm Width across flats 13 Cable 6 m, 4-wire, PVC Jacket material PVC Cable diameter Conductor cross section Shielding Bending radius Stationary position Nominal voltage, cable Test voltage, cable 60 ∨ AC 60 ∨ DC Rated impulse voltage Current loading Signal type Application Authorizations Circh Nm Sincket-plated FKM Athorizations 13 Cable diameter Con, 4-wire, PVC Gray Cable diameter 60 Nm Mm Stationary position Stationary position Athorizations CE Signal type Application CE Signal type Authorizations	Locking plug connector	Screw connection
Locking nut material Zinc die-cast, nickel-plated Seal material FKM Tightening torque 0.6 Nm Width across flats 13 Cable 6 m, 4-wire, PVC Jacket material PVC Jacket color Gray Cable diameter 5.3 mm Conductor cross section 0.34 mm² Shielding Shielded Bending radius > 10 x cable diameter Nominal voltage, cable 300 V AC Test voltage, cable 2,000 V AC Reference voltage 60 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 CE	Connector material	TPU
Seal material FKM Tightening torque 0.6 Nm Width across flats 13 Cable 6 m, 4-wire, PVC Jacket material PVC Jacket color Gray Cable diameter 5.3 mm Conductor cross section 0.34 mm² Shielding Shielded Bending radius > 10 x cable diameter Nominal voltage, cable 300 V AC Test voltage, cable 2,000 V AC Reference voltage 60 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 CE	Connector color	Black
Tightening torque Width across flats 13 Cable 6 m, 4-wire, PVC Jacket material PVC Cable diameter 5.3 mm Conductor cross section 0.34 mm² Shielding Shielded Bending radius Stationary position Stationary position Nominal voltage, cable 1300 V AC Test voltage, cable 60 V AC 60 V DC Rated impulse voltage 60 V AC Current loading 5 Sensor/actuator cable Application Video Ac with chemicals Uncontaminated zones Authorizations CE	Locking nut material	Zinc die-cast, nickel-plated
Width across flats 13 Cable 6 m, 4-wire, PVC Jacket material PVC Jacket color Gray Cable diameter 5.3 mm Conductor cross section 0.34 mm² Shielding Shielded Bending radius Stationary position Nominal voltage, cable 300 V AC Test voltage, cable 2,000 V AC Reference voltage 60 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 CE	Seal material	FKM
Cable 6 m, 4-wire, PVC Jacket material PVC Gray Cable diameter 5.3 mm Conductor cross section 0.34 mm² Shielding Shielded Bending radius Stationary position > 10 x cable diameter Nominal voltage, cable 300 V AC Test voltage, cable 2,000 V AC Reference voltage 60 V AC 60 V DC Rated impulse voltage 5.5 kV Current loading ≤ 4 A Signal type Sensor/actuator cable Application CE	Tightening torque	0.6 Nm
Jacket material PVC Cable diameter 5.3 mm Conductor cross section 0.34 mm² Shielding Shielded Bending radius > 10 x cable diameter Nominal voltage, cable 300 V AC Test voltage, cable 2,000 V AC Reference voltage 60 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 CE	Width across flats	13
Jacket color Gray Cable diameter 5.3 mm Conductor cross section 0.34 mm² Shielding Shielded Bending radius > 10 x cable diameter Nominal voltage, cable 300 V AC Test voltage, cable 2,000 V AC Reference voltage 60 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 CE	Cable	6 m, 4-wire, PVC
Cable diameter Conductor cross section Shielding Bending radius Stationary position Nominal voltage, cable Test voltage, cable Reference voltage 60 V AC 60 V DC Rated impulse voltage 1.5 kV Current loading Sensor/actuator cable Application 5.3 mm 0.34 mm² 5.4 mm² 500 V AC 400 V AC 60 V AC 60 V DC Rated impulse voltage 2.000 V AC Sensor/actuator cable Lincontaminated zones CE	Jacket material	PVC
Conductor cross section 0.34 mm² Shielding Shielded Bending radius > 10 x cable diameter Nominal voltage, cable 300 V AC Test voltage, cable 2,000 V AC Reference voltage 60 V AC 60 V DC Rated impulse voltage Current loading ≤ 4 A Signal type Sensor/actuator cable Application Zones with chemicals Uncontaminated zones Authorizations CE	Jacket color	Gray
Shielding Bending radius Stationary position > 10 x cable diameter Nominal voltage, cable 300 V AC Test voltage, cable 2,000 V AC Reference voltage 60 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 CE	Cable diameter	5.3 mm
Bending radius Stationary position > 10 x cable diameter Nominal voltage, cable 300 V AC Test voltage, cable 2,000 V AC Reference voltage 60 V AC 60 V DC Rated impulse voltage 1.5 kV Current loading Signal type Sensor/actuator cable Application Zones with chemicals Uncontaminated zones Authorizations CE	Conductor cross section	0.34 mm ²
Stationary position > 10 x cable diameter Nominal voltage, cable 300 V AC Test voltage, cable 2,000 V AC Reference voltage 60 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 CE	Shielding	Shielded
Nominal voltage, cable 300 V AC Test voltage, cable 2,000 V AC Reference voltage 60 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 CE	Bending radius	
Test voltage, cable Reference voltage 60 V AC 60 V DC Rated impulse voltage 1.5 kV Current loading ≤ 4 A Signal type Application Zones with chemicals Uncontaminated zones Authorizations 2,000 V AC	Stationary position	> 10 x cable diameter
Reference voltage 60 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 CE	Nominal voltage, cable	300 V AC
60 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 CE	Test voltage, cable	2,000 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 CE	Reference voltage	
Rated impulse voltage 1.5 kV Current loading ≤ 4 A Signal type Sensor/actuator cable Application Zones with chemicals Uncontaminated zones Authorizations CE		60 V AC
Current loading ≤ 4 A Signal type Sensor/actuator cable Application Zones with chemicals Uncontaminated zones Authorizations CE		60 V DC
Signal type Application Sensor/actuator cable Zones with chemicals Uncontaminated zones Authorizations CE	Rated impulse voltage	1.5 kV
Application Zones with chemicals Uncontaminated zones Authorizations CE	Current loading	≤ 4 A
Authorizations Uncontaminated zones CE	Signal type	Sensor/actuator cable
	Application	
	Authorizations	

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

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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