

# YF2A68-020UA7XLEAX



### YF2A68-020UA7XLEAX



#### Ordering information

Туре	Part no.
YF2A68-020UA7XLEAX	2108120

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

CE

#### Detailed technical data

#### Technical specifications

Accessory sampPlegonnectors and cablesAccessory familyConnecting cablesConsection type head AConnector, M12, 8 pin, straight, A codedConnector type head APinal eadsConnector type head AServe connectionConnector materialTupe leadsConnector materialFundConnector anterialServe connectionConnector anterialServe connectionConn			
Connection type head AFemale connector, M12, 8-pin, straight, AcodedConnection type head BFiyle leadsLocking plug connectorScrew connectionConnector materialTPUConnector colorBackLocking nut materialScaliness steel (VA/1.4404)Seal materialFKMTightening torque0.6 NnVidth across flats13Cable2 m, 7.wire, PURLocking nut materialBickStatematerialSindess steel (VA/1.4404)Vidth across flats0.6 NnCable2 m, 7.wire, PURLocking materialSindess steel (VA/1.4404)Cable diameterSindess steel (VA/1.4404)Conduct orces-section0.55 mm²SheidingSindedStationary position5.12 xcable diameterStationary position5.12 xcable diameterStationary positionSinder CableStationary positionSinder CableSing Stationary positionS	Accessory group		Plug connectors and cables
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Locking plug connectorServe connectionConnector materialTPUConnector colorBackLocking nut materialStainless steel (V4A/1.4404)Seal materialFKMTightening torque0.6 NimVidth across flats13Cablem, 7wire, PURJacket toolorBackJacket toolorBackCable diameterBackConductor cross-section0.155 mn²SheldingSheldePrevine>12 cable diameterStationary position>12 scable diameterFlexible>12 scable diameterFlexible>30 VDCReference voltageCansov cutator cableSignal type>4Argent is and lubricants Vuldor or save and resistant Cutoor o	Connection type head A		Female connector, M12, 8-pin, straight, A-coded
Conector materialFUConector colorBickLocking nut materialKinkenstel (VAL/1.4404)Seal materialKinkenstel (VAL/1.4404)Vidthacros flatsBickVidthacros flats0.5 NmCable3.7 vine, PURLaket color0.6 NmLaket colorBickCable0.5 Nm²Cabled ameterial0.5 Nm²Cabled ameterial0.5 Snm²Shelding0.5 Snm²Berding radium2.1 Scale diameterialStationary point3.2 Scale diameterialStationary point3.2 Scale diameterialReference voltage0.8 VACarrent loading0.8 VASignal type0.6 sewith oils and lubricants Vidsöark resistant old scale	Connection type head B		Flying leads
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Locking nut materialSkalesseis (V4A/1.4404)Seal materialFKMTighting torque0.6 NmVitth across flats0.8 NmCable2m. 7wire, PURLocking not publicBickJacket colorBickCable diameter0.155 mm²Conductor corso-section0.155 mm²Sheideing radius21 Accabe diameterFreizible was total cortany postion21 Accabe diameterFreizible was total cortany postion20 ACCReference voltage0.8 VCReference voltage0.8 VCSignal typeAnony cortany postionApplication0.000 Station postionApplication0.000 Station postionSignal typeConst with oils and lubricants was water resistant oild only genesitant	Connector material		TPU
Seal materialFKMTightening torque0.6 NmWith across flats0.6 NmCable0.7 Nvire, PURCable0.8 NmJacket todor0.8 NmCable diameter0.8 NmConductor cross-section0.155 nm²Shelding0.155 nm²Shelding0.152 nm²Shelding radius1.2 Cable diameterStationary position0.2 Stationary positionStationary position0.3 NDReference voltage0.3 NDSignal type0.4 NuApplication2.0 NoSignal type0.5 Nm Stationary position of the section of the sectio	Connector color		Black
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Conductor cross-section0,155 mm²ShieldingShieldedShielding radius-Flexible us Stationary position>12 x cable diameterReference voltage< 30 V DC	Jacket color		Black
ShieldingShieldedBending radius-Flexible us>12 x cable diameterStationary position>8 x cable diameterReference voltage<30 V DCRated impulse voltage0.8 kVCurrent loading>2 ASignal typeSensor/actuator cableApplicationSones with oils and lubricants bedisspark resistant oid bending resistant bedisspark resistant bedisspark resistant bedisspark resistant bedisspark resistant bedisspark resistant bedisspark resistant bedisspark resistant bedispark	Cable diameter		6 mm
Bending radiusI a cable diameterFlexible us> 12 cable diameterStationary position> 8 cable diameterReference voltage< 30 V DCRated impulse voltage0.8 kVCurrent loading2 ASignal typeSensor/actuator cableApplicationConse with oils and lubricants Weld-spark resistant outdoor seawater resistant old bending resistant	Conductor cross-section		0,155 mm <sup>2</sup>
Flexible use> 12 x cable diameterStationary position> 3 x cable diameterReference voltage< 30 V DCRated impulse voltage0.8 kVCurrent loading2 ASignal typeSensor/actuator cableApplicationOnes with oils and lubricants Weld-spark resistant outdoor seawater resistant outdoor genseitant	Shielding		Shielded
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Reference voltage< 30 V DC		Flexible use	> 12 x cable diameter
Rated impulse voltage0.8 kVCurrent loading2 ASignal typeSensor/actuator cableApplicationZones with oils and lubricants Weld-spark resistant Outdoor Seawater resistant Cold bending resistant		Stationary position	> 8 x cable diameter
Current loading 2 A   Signal type Sensor/actuator cable   Application Zones with oils and lubricants   Weld-spark resistant Outdoor Seawater resistant Cold bending resistant Cold bending resistant	Reference voltage		≤ 30 V DC
Signal type Sensor/actuator cable   Application Zones with oils and lubricants Weld-spark resistant Outdoor Seawater resistant Cold bending resistant	Rated impulse voltage		0.8 kV
Application Zones with oils and lubricants   Weld-spark resistant Outdoor   Seawater resistant Cold bending resistant	Current loading		2 A
Weld-spark resistant Outdoor Seawater resistant Cold bending resistant	Signal type		Sensor/actuator cable
Authorizations CE	Application		Weld-spark resistant Outdoor Seawater resistant
	Authorizations		CE

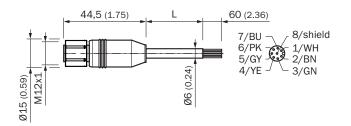
### YF2A68-020UA7XLEAX

Enclosure rating	IP65 / IP66K / IP67
Ambient operating temperature	
Flexible use	-30 °C +80 °C
Stationary position	-40 °C +80 °C
Drag chain operation	-30 °C +80 °C
Head	-25 °C +85 °C
Contamination rating	3
Insulation resistance	> 100 MΩ
Overvoltage category	III
Specific insulation resistance	< 30 mΩ

Classifications

ECI@ss 6.0	27279218
ECI@ss 7.0	27279218
ECI@ss 8.0	27279218
ECI@ss 9.0	27060311
ECI@ss 10.0	27060311
ECI@ss 11.0	27060311
ETIM 5.0	EC001855
ETIM 7.0	EC001855

#### Dimensional drawing (Dimensions in mm (inch))



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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.

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