



YF2A68-020UA7XLEAX

SICK
Sensor Intelligence.



Ordering information

Type	Part no.
YF2A68-020UA7XLEAX	2108120

Other models and accessories → www.sick.com/



Detailed technical data

Technical specifications

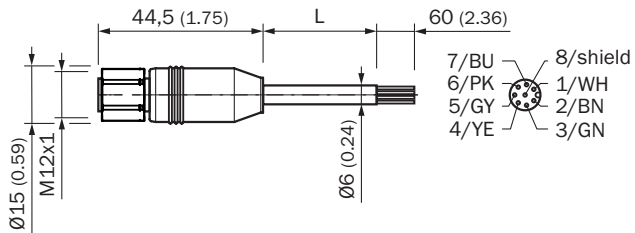
Accessory group	Plug connectors and cables				
Accessory family	Connecting cables				
Connection type head A	Female connector, M12, 8-pin, straight, A-coded				
Connection type head B	Flying leads				
Locking plug connector	Screw connection				
Connector material	TPU				
Connector color	Black				
Locking nut material	Stainless steel (V4A/1.4404)				
Seal material	FKM				
Tightening torque	0.6 Nm				
Width across flats	13				
Cable	2 m, 7-wire, PUR				
Jacket material	PUR				
Jacket color	Black				
Cable diameter	6 mm				
Conductor cross-section	0,155 mm ²				
Shielding	Shielded				
Bending radius	<table border="0"> <tr> <td style="padding-right: 20px;">Flexible use</td> <td>> 12 x cable diameter</td> </tr> <tr> <td>Stationary position</td> <td>> 8 x cable diameter</td> </tr> </table>	Flexible use	> 12 x cable diameter	Stationary position	> 8 x cable diameter
Flexible use	> 12 x cable diameter				
Stationary position	> 8 x cable diameter				
Reference voltage	≤ 30 V DC				
Rated impulse voltage	0.8 kV				
Current loading	2 A				
Signal type	Sensor/actuator cable				
Application	Zones with oils and lubricants Weld-spark resistant Outdoor Seawater resistant Cold bending resistant				
Authorizations	CE				

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

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

Dimensional drawing (Dimensions in mm (inch))



SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

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.”

WORLDWIDE PRESENCE:

Contacts and other locations –www.sick.com