



YF2A68-300UA7XLEAX

SICK
Sensor Intelligence.



Ordering information

Type	Part no.
YF2A68-300UA7XLEAX	2108133

Other models and accessories → www.sick.com/



Detailed technical data

Technical specifications

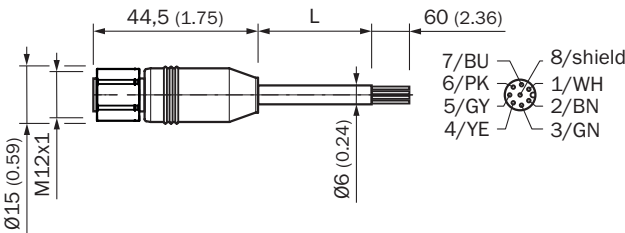
Accessory group	Plug connectors and cables
Accessory family	Connecting cables
Connection type head A	Female connector, M12, 8-pin, straight, A-coded
Connection type head B	Flying leads
Locking plug connector	Screw connection
Connector material	TPU
Connector color	Black
Locking nut material	Stainless steel (V4A/1.4404)
Seal material	FKM
Tightening torque	0.6 Nm
Width across flats	13
Cable	30 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	
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

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))



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