



YM2A2B-200UD3XLEAX

Sensor/actuator cable

SICK
Sensor Intelligence.



Ordering information

Type	Part no.
YM2A2B-200UD3XLEAX	2131095

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

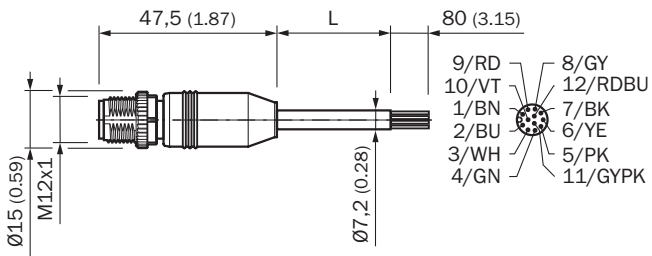
Detailed technical data

Technical specifications

Connection type head A	Male connector, M12, 12-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
Tightening torque	0.6 Nm
Width across flats	13
Cable	20 m, 12-wire, PUR, halogen-free
Jacket material	PUR, halogen-free
Jacket color	Black
Cable diameter	7.2
Conductor cross section	0,14 mm ²
Shielding	Shielded
Bending radius	
	Flexible use > 10 x cable diameter
	Stationary position > 5 x cable diameter
	Drag chain operation > 10 x cable diameter
Bending cycles	5,000,000
Rated impulse voltage	0.8 kV
Current loading	1.5 A
Traversing speed	3.3 m/s
Travelling distance	5 m
Acceleration	≤ 5 m/s ²
Signal type	Sensor/actuator cable
Torsion force	1 m
Torsion cycles	500,000
Cycles per minutes	35
Application	Uncontaminated zones Zones with oils and lubricants Robot Drag chain operation

Authorizations	CE
Enclosure rating	IP65 / IP66K / IP67
Operating temperature	
Flexible use	-25 °C ... +80 °C
Stationary position	-40 °C ... +80 °C
Drag chain operation	-25 °C ... +80 °C
Head	-25 °C ... +85 °C
Contamination rating	3
Overvoltage category	III

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