YF2AA8-200S01MKA18

Sensor/actuator cable

PLUG CONNECTORS AND CABLES

SICK
Sensor Intelligence.

YF2AA8-200S01MKA18 | Sensor/actuator cable

PLUG CONNECTORS AND CABLES

Ordering information

Type	Part no.
YF2AA8-200S01MKA18	2099208

For 8-pin sensor-actuator cables, the wire colors are not standardized. Therefore, please observe the pin assignment of the sensor and the cable in the respective data sheet.

Other models and accessories ➜ www.sick.com/Sensor_actuator_cable
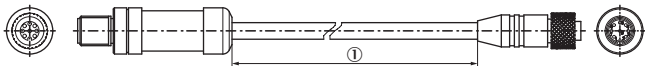
Detailed technical data

Technical specifications

Connection type head A	Female connector, M12, 8-pin, straight, A-coded
Connection type head B	Male connector, M12, 8-pin, straight, A-coded
Connector color	Black
Cable	20 m, 8-wire, PUR, halogen-free
Jacket material	PUR, halogen-free
Cable diameter	7 mm
Conductor cross section	4 x 2 x 0.25 mm²
Shielding	Shielded
Permitted cross-section	≤ 0.25 mm²
Bending cycles	> 2,000,000
Reference voltage	≤ 30 V
Current loading	1.75 A
Application	Drag chain operation
Note	Drag chain use
Enclosure rating	IP67
Operating temperature	
Flexible use	−25 °C … +80 °C
Stationary position	−50 °C … +80 °C
Head	−25 °C … +80 °C

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))

① See technical data for length of cable

Wire colors (cable connection)	Male connector M12, 8-pin
Brown	1
White	2
Black	3
Red	4
Yellow	5
Yellow	6
Blue	7
Red	8
Screen	Housing side

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:

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