Y8A38A2-LXXXUCA050

Passive distribution boxes

PLUG CONNECTORS AND CABLES

SICK
Sensor Intelligence.

Y8A38A2-LXXXUCA050 | Passive distribution boxes
PLUG CONNECTORS AND CABLES

Ordering information

Type	Part no.
Y8A38A2-LXXXUCA050	2115729

Other models and accessories ➜ www.sick.com/Passive_distribution_boxes

## Detailed technical data

Technical specifications

Accessory group	Distributors
Accessory family	Junction boxes
Connection type head A	3-pin
Cable	5 m, 10-wire, PUR, halogen-free
Jacket material	PUR, halogen-free
Jacket color	Gray
Cable diameter	9.2 mm
Conductor cross section	2 x 0.75 mm² + 8 x 0.34 mm²
Shielding	Unshielded
Bending radius	
Flexible use	> 10 x cable diameter
Stationary position	> 7.5 x cable diameter
Drag chain operation	> 10 x cable diameter
Bending cycles	≤ 5,000,000
Reference voltage	
	≤ 24 V DC
Current loading	10 A
Traversing speed	2 m/s
Travelling distance	5 m
Acceleration	≤ 5 m/s²
Application	Drag chain operation
Authorizations	UL CE
UL File No.	E238799
Enclosure rating	IP65/ IP67
Items supplied	10 x labeling plates
Ambient operating temperature	
Flexible use	–5 °C ... +80 °C
Stationary position	–40 °C ... +80 °C

Drag chain operation	−5 °C … +60 °C
Overvoltage category	III

Classifications

ECLASS 5.0	27279201
ECLASS 5.1.4	27279201
ECLASS 6.0	27279201
ECLASS 6.2	27279201
ECLASS 7.0	27279201
ECLASS 8.0	27279201
ECLASS 8.1	27279201
ECLASS 9.0	27440108
ECLASS 10.0	27440108
ECLASS 11.0	27440108
ECLASS 12.0	27440108
ETIM 5.0	EC002585
ETIM 6.0	EC002585
ETIM 7.0	EC002585
ETIM 8.0	EC002585
UNSPSC 16.0901	31163032

Dimensional drawing (Dimensions in mm (inch))
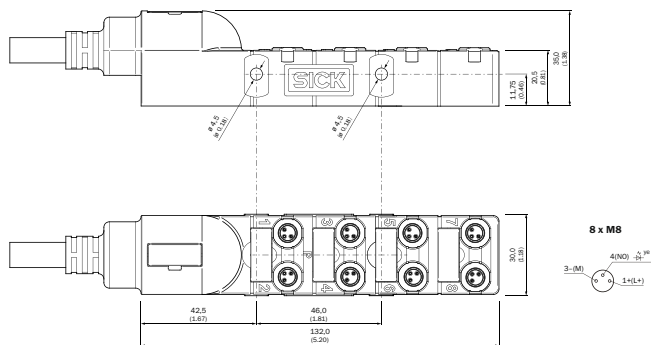
Connection diagram

Cd-476
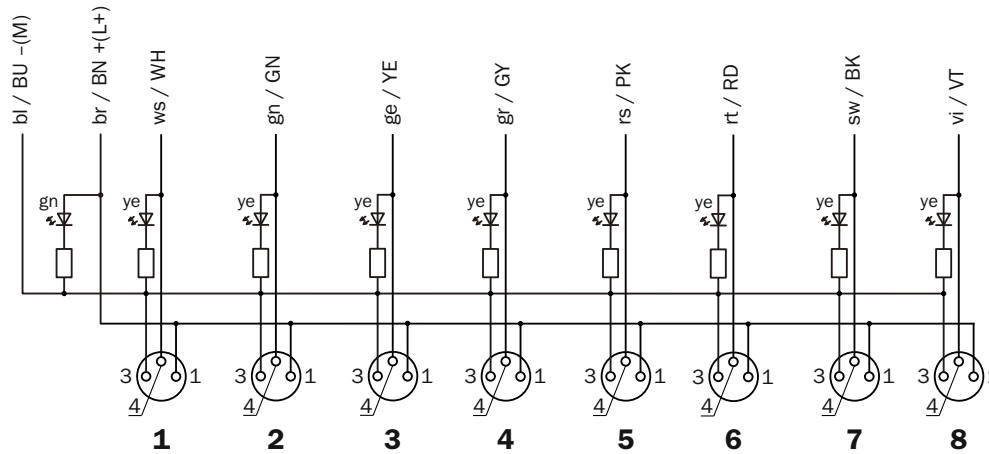
Recommended accessories

Other models and accessories ➜ www.sick.com/Passive_distribution_boxes

	Brief description	Type	Part no.
Device protection (mechanical)			
	1 piece, Protective cap for M8 socket or unused ports	DOS-08SK	5340762
Plug connectors and cables			
	• **Connection type head A:** Female connector, M8, 3-pin, straight, A-coded • **Connection type head B:** Male connector, M8, 3-pin, straight, A-coded • **Signal type:** Sensor/actuator cable • **Cable:** 5 m, 3-wire, PUR, halogen-free • **Description:** Sensor/actuator cable, unshielded • **Application:** Zones with oils and lubricants, Drag chain operation, Robot	YF8U13-050UA1M8U13	2096308

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."

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