



Y8A38A2-LXXXUCA050

Passive distribution boxes

CONNECTORS AND CABLES

SICK
Sensor Intelligence.



Ordering information

Type	part no.
Y8A38A2-LXXXUCA050	2115729

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

Detailed technical data

Technical specifications

Switching output	PNP	
Shielding	Unshielded	
Number of slots	8	
Slot connection type	M8, 3-pin, A-coded, female connector	
Root port connection type	Flying leads	
Connecting cable	5 m, 10-wire, PUR, halogen-free	
Cable diameter	9.2 mm	
Cable color	Gray	
Conductor cross section	2 x 0.75 mm ² + 8 x 0.34 mm ²	
Traversing speed	2 m/s	
Travelling distance	5 m	
Acceleration	$\leq 5 \text{ m/s}^2$	
Bending radius	Flexible use	> 10 x cable diameter
		> 7.5 x cable diameter
		> 10 x cable diameter
Bending cycles	$\leq 5,000,000$	
Tightening torque	Slots	
		0.4 Nm
Display LED	Slots	1 x per socket
		1x per distributor
Reference voltage	$\leq 24 \text{ V DC}$	
Current loading	10 A	
Overvoltage category	III	
Operating temperature	Flexible use	-5 °C ... +80 °C
		-40 °C ... +80 °C

	Drag chain operation	-5 °C ... +60 °C
	Distributor box	-20 °C ... +72 °C
Enclosure rating		IP65/ IP67
UL File No.		E238799
Authorizations		UL CE
Items supplied		10 x labeling plates

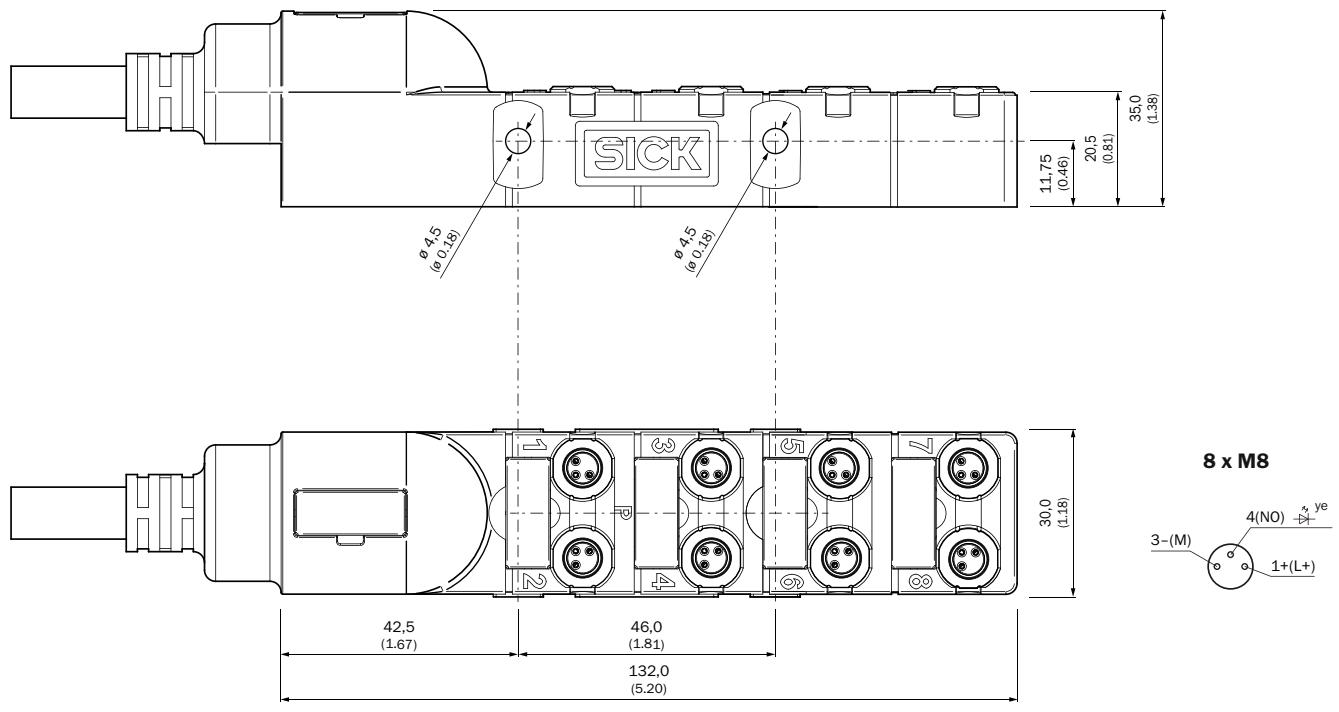
Classifications

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

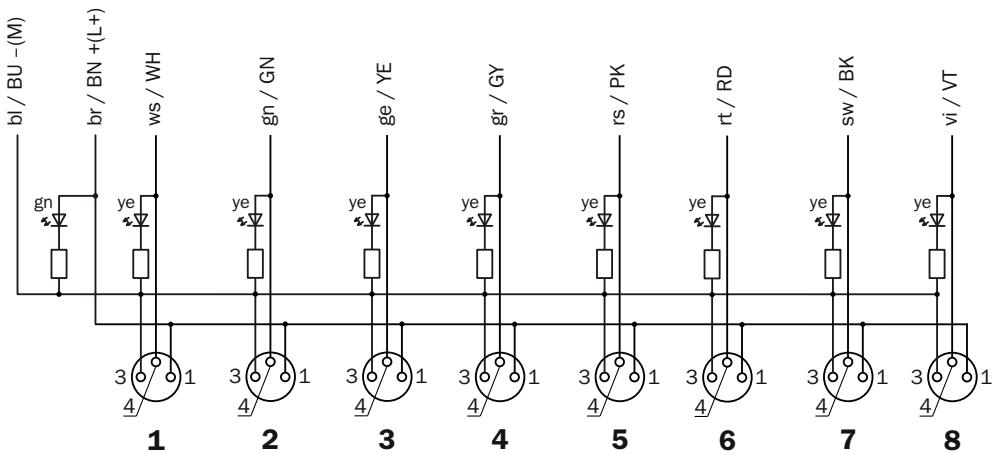
Certificates

EU declaration of conformity	✓
China-RoHS	✓
cULus certificate	✓

Dimensional drawing



Connection diagram Cd-476



Recommended accessories

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

	Brief description	Type	part no.
device protection and care	 <ul style="list-style-type: none">Description: Protective cap for M8 socket or unused ports	DOS-08SK	5340762
connectors and cables	 <ul style="list-style-type: none">Connection type head A: Female connector, M8, 3-pin, straight, A-codedConnection type head B: Male connector, M8, 3-pin, straight, A-codedSignal type: Sensor/actuator cableCable: 5 m, 3-wire, PUR, halogen-freeDescription: Sensor/actuator cable, unshieldedApplication: Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	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."

WORLDWIDE PRESENCE:

Contacts and other locations www.sick.com