



Y8A3AA2-C2AB000XXX

Passive distribution boxes

CONNECTORS AND CABLES

SICK
Sensor Intelligence.



Ordering information

Type	part no.
Y8A3AA2-C2AB000XXX	2115736

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



Detailed technical data

Technical specifications

Switching output	PNP
Shielding	Unshielded
Number of slots	10
Slot connection type	M8, 3-pin, A-coded, female connector
Root port connection type	M12, 12-pin, A-coded, male connector
Width across flats	
	Root port 13
Tightening torque	
	Slots 0.4 Nm
	Root port 0.6 Nm
Display LED	
	Slots 1 x per socket
	Root port 1x per distributor
Reference voltage	≤ 24 V DC
Current loading	1.5 A
Overvoltage category	III
Operating temperature	
	Distributor box -20 °C ... +55 °C
Enclosure rating	IP65/ IP67
UL File No.	E238799
Authorizations	UL CE
Items supplied	10 x labeling plates

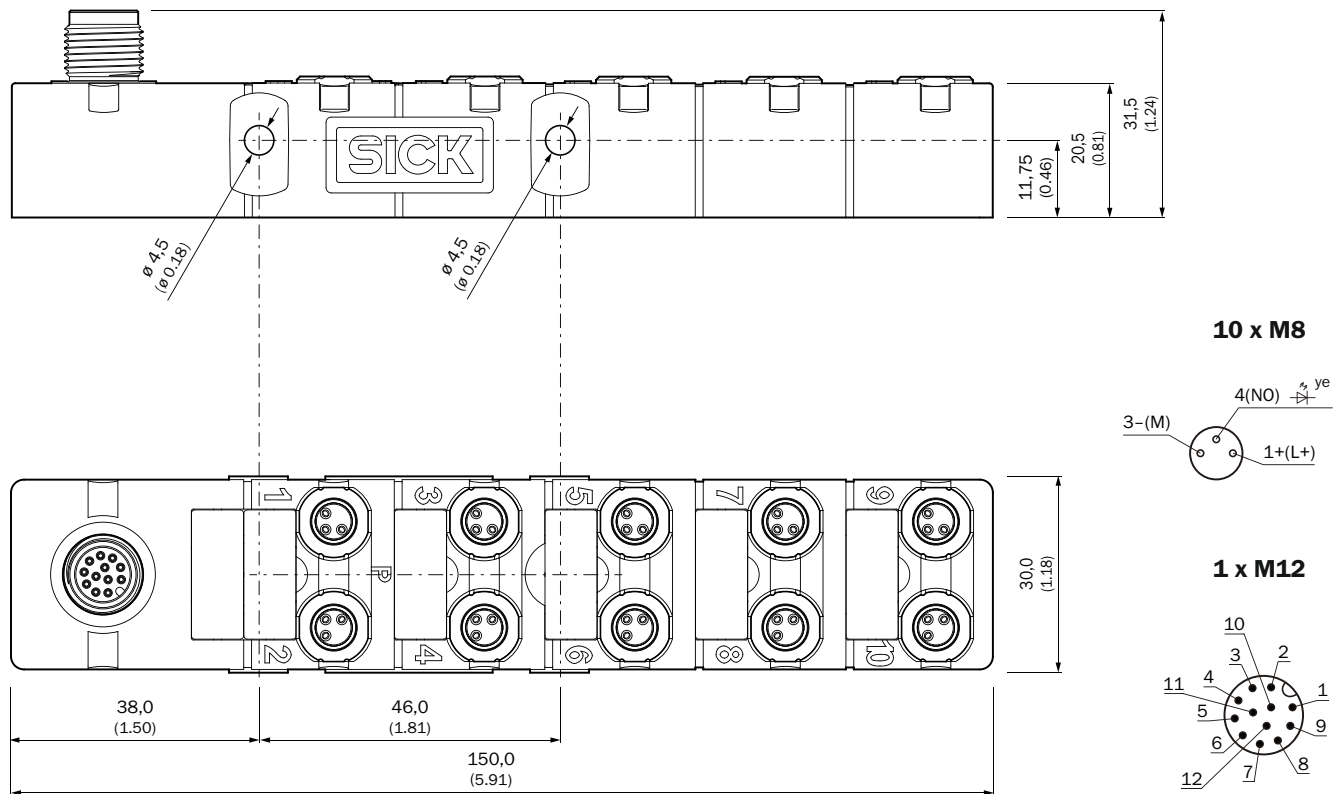
Certificates

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

Classifications

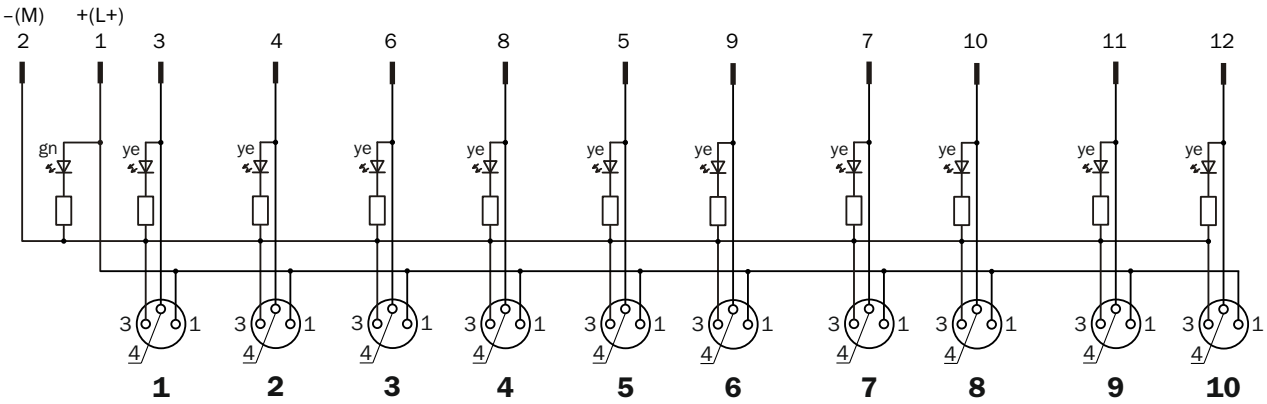
ECLASS 5.0	27279201
ECLASS 5.1.4	27279201
ECLASS 6.0	27279201
ECLASS 6.2	27279201
ECLASS 7.0	27279201
ECLASS 8.0	27279201
ECLASS 8.1	27279201
ECLASS 9.0	27440108
ECLASS 10.0	27440108
ECLASS 11.0	27440108
ECLASS 12.0	27440108
ETIM 5.0	EC002585
ETIM 6.0	EC002585
ETIM 7.0	EC002585
ETIM 8.0	EC002585
UNSPSC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

Dimensional drawing



Dimensions in mm (inch)

Connection diagram Cd-483



Recommended accessories

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

	Brief description	Type	part no.
device protection and care			
	Description: Protective cap for M8 socket or unused ports	DOS-08SK	5340762
connectors and cables			
	Connection type head A: Female connector, M12, 12-pin, straight, A-coded Connection type head B: Flying leads Signal type: Sensor/actuator cable Cable: 5 m, 12-wire, PUR, halogen-free Description: Sensor/actuator cable, unshielded Application: Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	YF2A1B-050UD1XLEAX	2119019
	Connection type head A: Female connector, M12, 12-pin, straight, A-coded Connection type head B: Flying leads Signal type: Sensor/actuator cable Cable: 10 m, 12-wire, PUR, halogen-free Description: Sensor/actuator cable, unshielded Application: Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	YF2A1B-100UD1XLEAX	2119045
	Connection type head A: Female connector, M12, 12-pin, angled, A-coded Connection type head B: Flying leads Signal type: Sensor/actuator cable Cable: 5 m, 12-wire, PUR, halogen-free Description: Sensor/actuator cable, unshielded Application: Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	YG2A1B-050UD1XLEAX	2119046
	Connection type head A: Female connector, M12, 12-pin, angled, A-coded Connection type head B: Flying leads Signal type: Sensor/actuator cable Cable: 10 m, 12-wire, PUR, halogen-free Description: Sensor/actuator cable, unshielded Application: Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	YG2A1B-100UD1XLEAX	2119050
	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: 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