



## Y8A3AA2-C2AB000XXX

Passive distribution boxes

PLUG CONNECTORS AND CABLES

**SICK**  
Sensor Intelligence.



### Ordering information

Type	Part no.
Y8A3AA2-C2AB000XXX	2115736

Other models and accessories → [www.sick.com/Passive\\_distribution\\_boxes](http://www.sick.com/Passive_distribution_boxes)



### Detailed technical data

#### Technical specifications

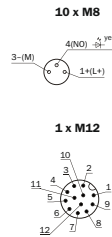
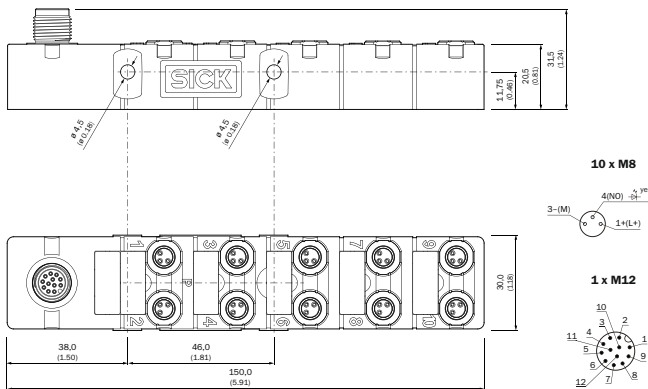
<b>Shielding</b>	Unshielded
<b>Slot connection type</b>	M8, 3-pin, A-coded, female connector
<b>Root port connection type</b>	M12, 12-pin, A-coded, male connector
<b>Width across flats</b>	
	Root port 13
<b>Tightening torque</b>	
	Slots 0.4 Nm
	Root port 0.6 Nm
<b>Display LED</b>	
	Slots 1 x per socket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

#### Classifications

<b>ECLASS 5.0</b>	27279201
<b>ECLASS 5.1.4</b>	27279201
<b>ECLASS 6.0</b>	27279201
<b>ECLASS 6.2</b>	27279201
<b>ECLASS 7.0</b>	27279201
<b>ECLASS 8.0</b>	27279201

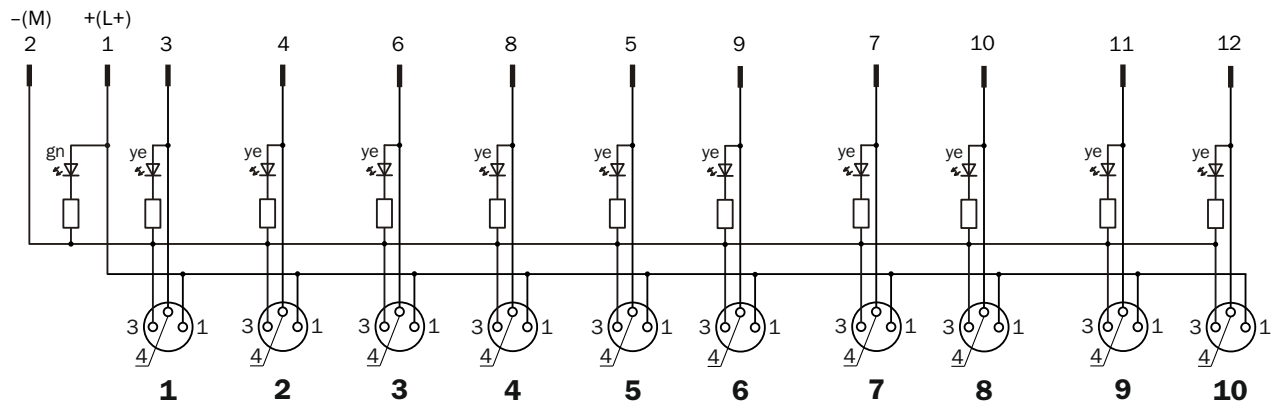
<b>ECLASS 8.1</b>	27279201
<b>ECLASS 9.0</b>	27440108
<b>ECLASS 10.0</b>	27440108
<b>ECLASS 11.0</b>	27440108
<b>ECLASS 12.0</b>	27440108
<b>ETIM 5.0</b>	EC002585
<b>ETIM 6.0</b>	EC002585
<b>ETIM 7.0</b>	EC002585
<b>ETIM 8.0</b>	EC002585
<b>UNSPSC 16.0901</b>	31163032

**Dimensional drawing** (Dimensions in mm (inch))









**Connection diagram**

Cd-483



### Recommended accessories

Other models and accessories → [www.sick.com/Passive\\_distribution\\_boxes](http://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
Others			
	<ul style="list-style-type: none"> <li><b>Connection type head A:</b> Female connector, M12, 12-pin, straight, A-coded</li> <li><b>Connection type head B:</b> Flying leads</li> <li><b>Signal type:</b> Sensor/actuator cable</li> <li><b>Cable:</b> 5 m, 12-wire, PUR, halogen-free</li> <li><b>Description:</b> Sensor/actuator cable, unshielded</li> <li><b>Application:</b> Drag chain operation, Zones with oils and lubricants, Robot</li> </ul>	YF2A1B-050UD1XLEAX	2119019
	<ul style="list-style-type: none"> <li><b>Connection type head A:</b> Female connector, M12, 12-pin, straight, A-coded</li> <li><b>Connection type head B:</b> Flying leads</li> <li><b>Signal type:</b> Sensor/actuator cable</li> <li><b>Cable:</b> 10 m, 12-wire, PUR, halogen-free</li> <li><b>Description:</b> Sensor/actuator cable, unshielded</li> <li><b>Application:</b> Drag chain operation, Zones with oils and lubricants, Robot</li> </ul>	YF2A1B-100UD1XLEAX	2119045
	<ul style="list-style-type: none"> <li><b>Connection type head A:</b> Female connector, M12, 12-pin, angled, A-coded</li> <li><b>Connection type head B:</b> Flying leads</li> <li><b>Signal type:</b> Sensor/actuator cable</li> <li><b>Cable:</b> 5 m, 12-wire, PUR, halogen-free</li> <li><b>Description:</b> Sensor/actuator cable, unshielded</li> <li><b>Application:</b> Drag chain operation, Zones with oils and lubricants, Robot</li> </ul>	YG2A1B-050UD1XLEAX	2119046
	<ul style="list-style-type: none"> <li><b>Connection type head A:</b> Female connector, M12, 12-pin, angled, A-coded</li> <li><b>Connection type head B:</b> Flying leads</li> <li><b>Signal type:</b> Sensor/actuator cable</li> <li><b>Cable:</b> 10 m, 12-wire, PUR, halogen-free</li> <li><b>Description:</b> Sensor/actuator cable, unshielded</li> <li><b>Application:</b> Drag chain operation, Zones with oils and lubricants, Robot</li> </ul>	YG2A1B-100UD1XLEAX	2119050
	<ul style="list-style-type: none"> <li><b>Connection type head A:</b> Female connector, M8, 3-pin, straight, A-coded</li> <li><b>Connection type head B:</b> Male connector, M8, 3-pin, straight, A-coded</li> <li><b>Signal type:</b> Sensor/actuator cable</li> <li><b>Cable:</b> 5 m, 3-wire, PUR, halogen-free</li> <li><b>Description:</b> Sensor/actuator cable, unshielded</li> <li><b>Application:</b> Zones with oils and lubricants, Drag chain operation, Robot</li> </ul>	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](http://www.sick.com)