



## Y8A36A2-C2A8000XXX

Passive distribution boxes

CONNECTORS AND CABLES

**SICK**  
Sensor Intelligence.



Ordering information

Type	part no.
Y8A36A2-C2A8000XXX	2115734

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



Detailed technical data

Technical specifications

Switching output	PNP
Shielding	Unshielded
Number of slots	6
Slot connection type	M8, 3-pin, A-coded, female connector
Root port connection type	M12, 8-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	2 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	5 x labeling plates

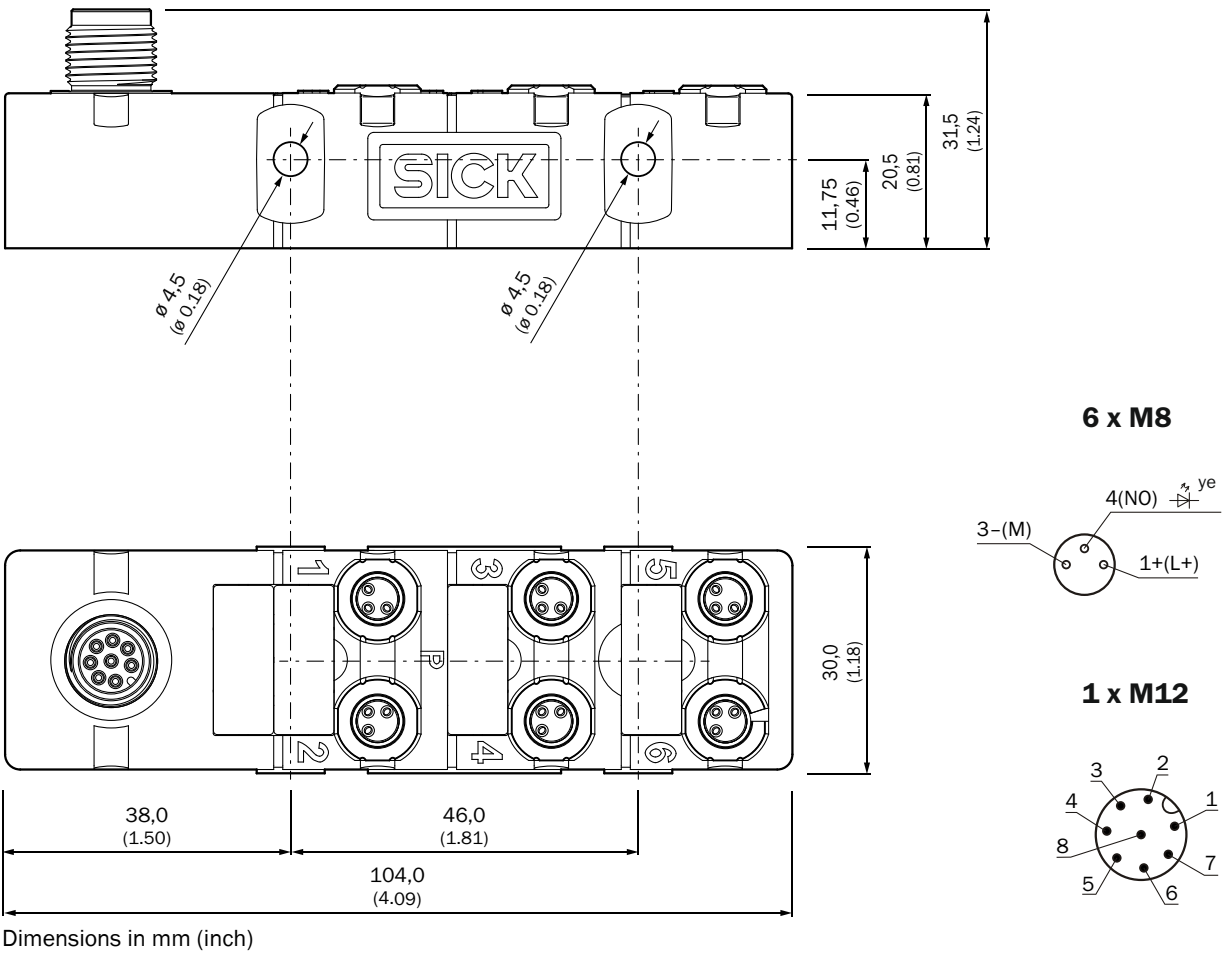
Certificates

EU declaration of conformity	✓
China RoHS	✓
cULus certificate	✓

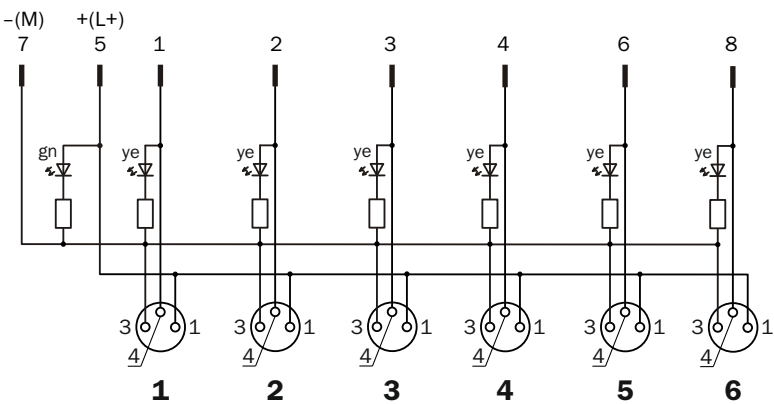
### Classifications

<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



Connection diagram Cd-481



## 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 and care			
	<ul style="list-style-type: none"> <li><b>Description:</b> Protective cap for M8 socket or unused ports</li> </ul>	DOS-08SK	5340762
connectors and cables			
	<ul style="list-style-type: none"> <li><b>Connection type head A:</b> Female connector, M12, 8-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, 8-wire, PUR, halogen-free</li> <li><b>Description:</b> Sensor/actuator cable, unshielded</li> <li><b>Application:</b> Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation</li> </ul>	YF2A18-050UA5XLEAX	2095653
	<ul style="list-style-type: none"> <li><b>Connection type head A:</b> Female connector, M12, 8-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, 8-wire, PUR, halogen-free</li> <li><b>Description:</b> Sensor/actuator cable, unshielded</li> <li><b>Application:</b> Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation</li> </ul>	YF2A18-100UA5XLEAX	2095654
	<ul style="list-style-type: none"> <li><b>Connection type head A:</b> Female connector, M12, 8-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> 20 m, 8-wire, PUR, halogen-free</li> <li><b>Description:</b> Sensor/actuator cable, unshielded</li> <li><b>Application:</b> Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation</li> </ul>	YF2A18-200UA5XLEAX	2095680
	<ul style="list-style-type: none"> <li><b>Connection type head A:</b> Female connector, M12, 8-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> 30 m, 8-wire, PUR, halogen-free</li> <li><b>Description:</b> Sensor/actuator cable, unshielded</li> <li><b>Application:</b> Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation</li> </ul>	YF2A18-300UA5XLEAX	2095681
	<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> Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation</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)