



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



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

| | |
|-----------------------|----------|
| 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 |

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"> Description: Sensor/actuator cable, unshielded Connection type head A: Female connector, M12, 8-pin, straight, A-coded Connection type head B: Flying leads Signal type: Sensor/actuator cable Cable: 5 m, 8-wire, PUR, halogen-free Application: Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation | YF2A18-050UA5XLEAX | 2095653 |
|  | <ul style="list-style-type: none"> Description: Sensor/actuator cable, unshielded Connection type head A: Female connector, M12, 8-pin, straight, A-coded Connection type head B: Flying leads Signal type: Sensor/actuator cable Cable: 10 m, 8-wire, PUR, halogen-free Application: Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation | YF2A18-100UA5XLEAX | 2095654 |
|  | <ul style="list-style-type: none"> Description: Sensor/actuator cable, unshielded Connection type head A: Female connector, M12, 8-pin, straight, A-coded Connection type head B: Flying leads Signal type: Sensor/actuator cable Cable: 20 m, 8-wire, PUR, halogen-free Application: Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation | YF2A18-200UA5XLEAX | 2095680 |
|  | <ul style="list-style-type: none"> Description: Sensor/actuator cable, unshielded Connection type head A: Female connector, M12, 8-pin, straight, A-coded Connection type head B: Flying leads Signal type: Sensor/actuator cable Cable: 30 m, 8-wire, PUR, halogen-free Application: Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation | YF2A18-300UA5XLEAX | 2095681 |
|  | <ul style="list-style-type: none"> Description: Sensor/actuator cable, unshielded 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 Application: Drag chain operation, 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