

# Ethernet Connection Box

## ZAI02EN01

Part Number



- 16 freely selectable input and output pins
- 2 Industrial Ethernet ports
- 8 digital I/O ports
- High protection class IP67
- Rugged aluminium housing

This connection allows simple connecting of up to 16 PNP sensors and actuators to an Industrial Ethernet network.

IndustrialEthernet

### Technical Data

#### Electrical Data

|                                              |                  |
|----------------------------------------------|------------------|
| Supply Voltage                               | 18...32 V DC     |
| Power consumption of device max.             | 0,1 A            |
| Power consumption of system max.             | 1,8 A            |
| Max. Switching Current Switching Outputs     | 0,6 A            |
| max. total current of the digital I/O ports  | 9 A              |
| Switching Output Voltage Drop                | < 2,5 V          |
| Temperature Range                            | -25...60 °C      |
| Sensor Supply Voltage (Pin 1)                | 200 mA           |
| Inputs according to DIN EN 61131-2:2003      | Type 2           |
| Digital I/O ports short circuit protected    | yes              |
| Digital I/O ports overload protected         | yes              |
| Digital I/O ports reverse polarity protected | yes              |
| Standard I/O-Pins                            | 16               |
| Baud Rate                                    | 10/100 Mbit/s    |
| Transmission Mode                            | Full/Half Duplex |
| Switch Mode                                  | Store & Forward  |
| VLAN Prioritization                          | yes              |
| Auto-Crossover                               | yes              |
| Auto-Negotiating                             | yes              |
| Auto-Polarity                                | yes              |
| Interface                                    | EtherNet/IP™     |
| Protection Class                             | III              |

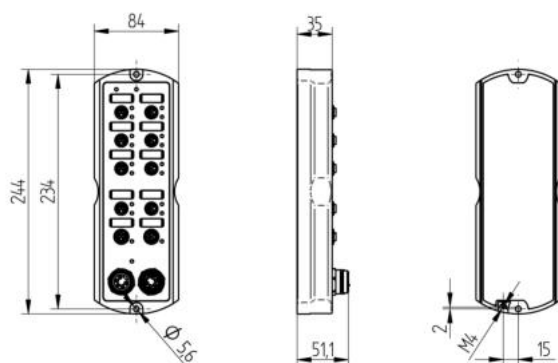
#### Mechanical Data

|                                              |                 |
|----------------------------------------------|-----------------|
| Material                                     | Aluminum        |
| Weight                                       | 1100 g          |
| Degree of Protection                         | IP67            |
| Type of Connection Power                     | 2 × 7/8", 5-pin |
| Type of Connection Industrial Ethernet Ports | 2 × M12; 4-pin  |
| Type of connection digital I/O ports         | 8 × M12; 4-pin  |
| Web server                                   | yes             |
| EtherNet/IP™                                 | ●               |
| Connection Table No.                         | 53              |
| Suitable Connection Equipment No.            | 78              |

### Complementary Products

Locking Screw for 7/8" Z0028

Locking Screw for M12 Z0027



All dimensions in mm (1 mm = 0.03937 Inch)

