

# Switch with PoE

## ZAC50PN01

Part Number



- 2 digital I/O ports
- 5 PoE-capable ports
- 7 Industrial Ethernet ports
- High protection class IP67
- Rugged aluminium housing

This switch allows simple connecting of up to seven Industrial Ethernet products. Five PoE-capable ports supply connected devices with the needed power. In addition, up to four PNP sensors and actuators can be connected via two digital I/O ports.

IndustrialEthernet

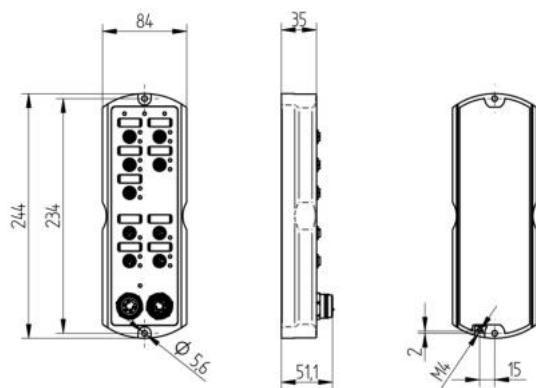
### Technical Data

| Electrical Data                              |                          |
|----------------------------------------------|--------------------------|
| Supply Voltage                               | 18...32 V                |
| Power consumption of device max.             | 0,3 A                    |
| Power consumption of system max.             | 2,2 A                    |
| Max. PoE Capacity                            | 30 W                     |
| Max. Switching Current Switching Outputs     | 0,6 A                    |
| max. total current of the digital I/O ports  | 1 A                      |
| Switching Output Voltage Drop                | < 2,5 V                  |
| Temperature Range                            | -25...60 °C              |
| Digital I/O ports short circuit protected    | yes                      |
| Digital I/O ports overload protected         | yes                      |
| Digital I/O ports reverse polarity protected | yes                      |
| PoE Ports                                    | 5                        |
| Number of digital I/O ports                  | 2                        |
| Supported PoE Standard                       | IEEE802.3af, IEEE802.3at |
| Supported PoE Classes                        | Class 0, 1, 2, 3         |
| Baud Rate                                    | 10/100 Mbit/s            |
| Transmission Mode                            | Full/Half Duplex         |
| Managed Switch                               | yes                      |
| Switch Mode                                  | Store & Forward          |
| VLAN Prioritization                          | yes                      |
| Auto-Crossover                               | yes                      |
| Auto-Negotiating                             | yes                      |
| Auto-Polarity                                | yes                      |
| Interface                                    | PROFINET                 |
| 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 PoE Ports                 | 5 × M12; 8-pin           |
| Type of connection digital I/O ports         | 2 × M12; 4-pin           |
| Web server                                   | yes                      |
| PROFINET IO, CC-B                            | ●                        |
| Power Source Equipment for PoE               | ●                        |
| Connection Table No.                         | 52                       |
| 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)

