



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

This junction allows simple connecting of up to four Industrial Ethernet products. Two 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.

| Electrical Data                              |                         |
|--|-------------------------|
| Supply Voltage                               | 18...32 V               |
| Power consumption of device max.             | 0,25 A                  |
| Power consumption of system max.             | 2 A                     |
| Max. PoE Capacity                            | 25 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                                    | 2                       |
| Number of digital I/O ports                  | 2                       |
| Supported PoE Standard                       | IEEE802.3af, IEEE802.at |
| Supported PoE Classes                        | Class 0, 1, 2, 3        |
| Baud Rate                                    | 100 Mbit/s              |
| Transmission Mode                            | Full Duplex             |
| Auto-Crossover                               | yes                     |
| Auto-Negotiating                             | yes                     |
| Auto-Polarity                                | yes                     |
| Interface                                    | EtherCAT                |
| Protection Class                             | III                     |
| Mechanical Data                              |                         |
| Material                                     | Aluminum                |
| Weight                                       | 870 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                 | 2 × M12; 8-pin          |
| Type of connection digital I/O ports         | 2 × M12; 4-pin          |
| Web server                                   | yes                     |
| EoE (Ethernet over EtherCAT)                 | yes                     |
| EtherCAT                                     | ●                       |
| Power Source Equipment for PoE               | ●                       |
| Connection Table No.                         | <b>52</b>               |
| Suitable Connection Equipment No.            | <b>78</b>               |

### Complementary Products

Locking Screw for 7/8" Z0028

Locking Screw for M12 Z0027

