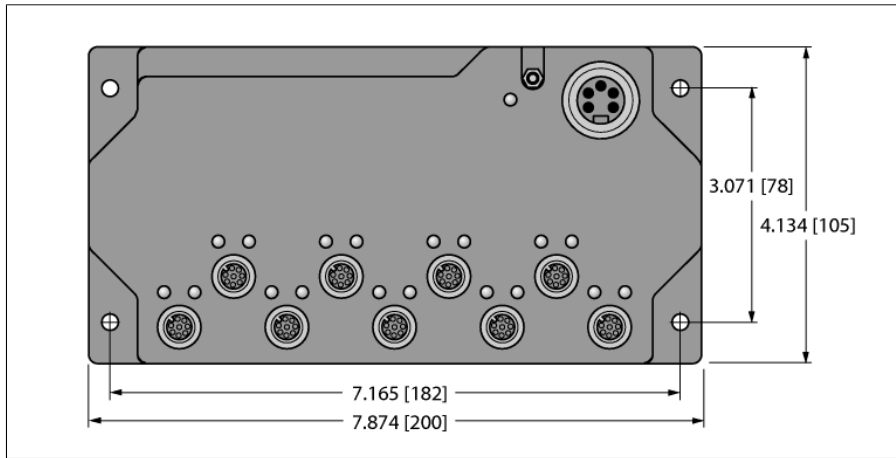


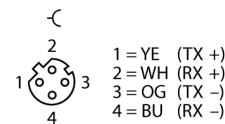
Industrial Ethernet  
Unmanaged Switch  
SE-44X-E923



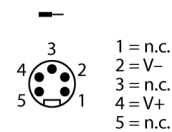
- 10/100 Mbps
- Auto-sensing, 10/100M, half/full duplex, auto-negotiating
- Auto cross-over, auto-polarity
- Automatic address learning, aging and migration
- Store and forward wire-speed switching
- IEEE 802.3, 802.3u, 802.3x
- 9 ports
- Ethernet connection: 4-pole, M12 D-code
- Power supply: 5-pole, 7/8"
- Protection class: IP67

|                                     |                                                                                                                    |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Type designation                    | SE-44X-E923                                                                                                        |
| Ident-No.                           | 6607013                                                                                                            |
| Supply voltage                      | 24 VDC                                                                                                             |
| Admissible range                    | 10...30 VDC                                                                                                        |
| Power consumption                   | ≤ 2 W                                                                                                              |
| Transient Protection                | 15,000 Watts Peak                                                                                                  |
| Spike Protection                    | 5,000 Watts (10 times for 10 µs)                                                                                   |
| Voltage supply connection           | 5-pin male 7/8" connector                                                                                          |
| Fieldbus transmission rate          | 10 Mbps/100 Mbps                                                                                                   |
| Ethernet Compliance                 | IEEE 802.3 (10 Mbps Ethernet)<br>IEEE 802.3u (100 Mbps Ethernet)<br>IEEE 802.3.3 x (Full-Duplex with Flow Control) |
| Communication Ports                 | 9 ports (unmanaged)                                                                                                |
| Fieldbus connection technology      | Female connector, M12 x 1, 4-pin, D-coded                                                                          |
| MAC Addresses                       | 1024                                                                                                               |
| Memory bandwidth                    | 3.2 Gbps                                                                                                           |
| Latency (typical)                   | @100 Mbps: 5 µs + frame time; @10 Mbps: 16 µs + frame time                                                         |
| Electrical isolation                | 1500 VRMS 1 minute                                                                                                 |
| Electromagnetic compatibility (EMC) | Per EN 50155                                                                                                       |
| Dimensions                          | 200.0x30.0x105.0 mm                                                                                                |
| Operating temperature               | -40 to +75 °C                                                                                                      |
| Storage temperature                 | -40 to +85 °C                                                                                                      |
| Relative humidity                   | 5 to 95% (non-condensing)                                                                                          |
| Vibration and shock testing         | According to IEC 60068-2-6                                                                                         |
| Protection class                    | IP67                                                                                                               |
| Mounting                            | Machine mount (4 x M5 or #10 screws, not included)                                                                 |
| Housing material                    | Nylon (stainless steel receptacles)                                                                                |
| Approvals and certificates          | CE                                                                                                                 |

M12 × 1 Fieldbus



Power Supply



Functional principle

Ethernet switches can be used to simplify Ethernet networks and reduce traffic. They perform an important role in traffic management by forwarding messages only to the port that needs them.