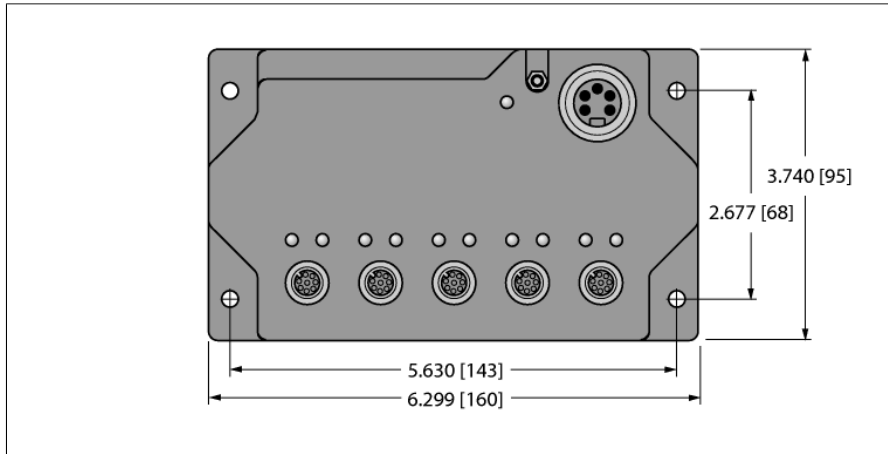
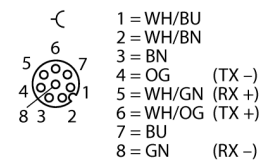


# Industrial Ethernet Unmanaged Switch SE-84X-E524

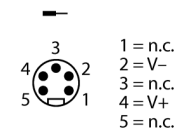


- 10/100 Mbps
- Auto-sensing, 10/100M, half/full duplex, auto-negotiating
- Auto cross-over, auto-polar
- Automatic address learning, aging and migration
- Store and forward wire-speed switching
- IEEE 802.3, 802.3u, 802.3x
- 5 ports
- Ethernet connection: 8-pole, M12
- Power supply: 5-pole, 7/8"
- Protection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

## 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.

|                                     |                                                                                                                    |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Type                                | SE-84X-E524                                                                                                        |
| ID                                  | U7960                                                                                                              |
| 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           | 7/8", 5-pin                                                                                                        |
| Transmission rate Ethernet          | 10/100 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) |
| Number of Ethernet ports            | 5 ports                                                                                                            |
| Connection technology Ethernet      | 5 × M12, 8-pin, A-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                          | 95 x 160 x 30 mm                                                                                                   |
| Weight                              | 720 g                                                                                                              |
| Ambient temperature                 | -40...+75 °C                                                                                                       |
| Storage temperature                 | -40...+85 °C                                                                                                       |
| Relative humidity                   | 5 to 95% (non-condensing)                                                                                          |
| Vibration test                      | Acc. to IEC 60068-2-6                                                                                              |
| Protection class                    | IP67                                                                                                               |
| Mounting                            | Machine mount (4 x M5 or #10 screws, not included)                                                                 |
| Housing material                    | Nylon (brass-nickle receptacles)                                                                                   |
| Approvals and certificates          | CE                                                                                                                 |