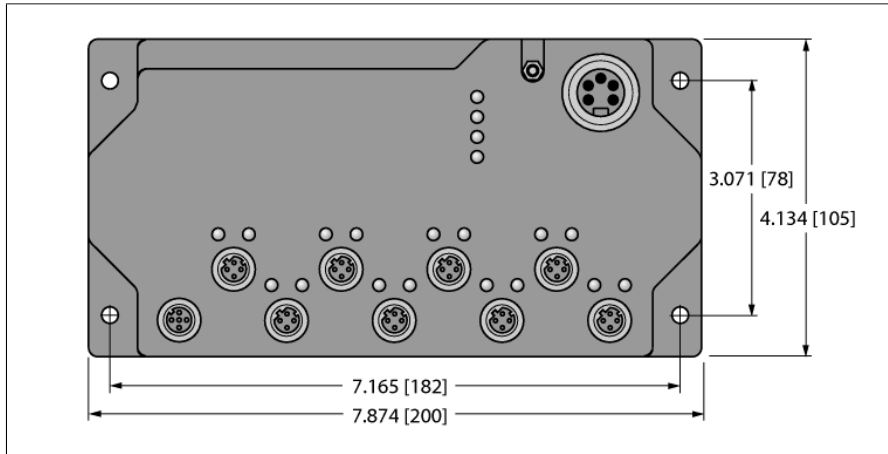
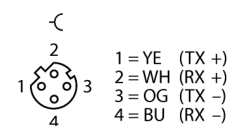


Industrial Ethernet Managed Switch SE-44M-E924

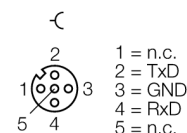


- 10/100 Mbps
- Auto-sensing, 10/100M, half/full duplex, auto-negotiating
- Auto cross-over, auto-polarity
- Automatic address learning, aging and migration
- Store and forward wire-speed switching
- IEEE 802.3, 802.3u, 802.3x, 802.3D/w, 802.3p, 802.3Q
- Real-Time-Ring™ or Rapid Spanning Tree (RSTP)
- SNMPv1 and v2 network management
- SNMPv3 authentication & encryption for security
- SNMP notifications
- IGMP for multicast filtering (snooping and querying)
- Broadcast and multicast storm protection
- RMON and port mirroring
- Security with HTTPS, SSL, SSH, SNMPv3
- Easy configuration via web
- 8 ports + 1 RS232 configuration port
- Ethernet connection: 4-pole, M12 D-coded
- Power supply: 5-pole, 7/8"
- Protection class: IP67

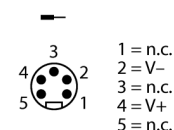
M12 × 1 Fieldbus



M12 × 1 Service Interface



Power Supply



Functional principle

Ethernet switches can be used to simplify Ethernet networks and reduce traffic. They perform an important role in traffic management

Type	SE-44M-E924
ID	U3-00775
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) IEEE 802.3u (100 Mbps Ethernet) IEEE 802.3.3 x (Full-Duplex with Flow Control) IEEE 802.1D/w (RSTP for redundant rings) IEEE 802.1p (Priority Queuing - Qos, CoS, ToS/DS) IEEE 802.1Q (VLAN for traffic segregation)
Number of Ethernet ports	8 ports (managed) + 1 RS232 config. port
Connection technology Ethernet	8 × M12, 4-pin, D-coded
MAC Addresses	2048
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	105 x 200 x 30 mm
Weight	1059 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

by forwarding messages only to the port that
needs them.