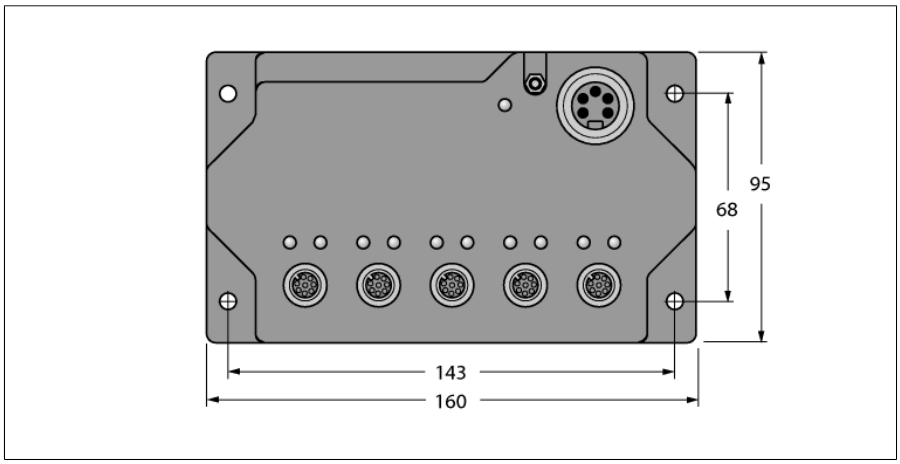
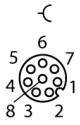
Industrial Ethernet
Unmanaged switch
SE-84X-E524



- **10/100 MBit/s**
- **Auto-Negotiation, 10/100M, half/full duplex**
- **Auto-Crossover, Auto-Polarity**
- **Auto-Adressierung, Alterung und Migration**
- **Store and Forward Datenübertragung**
- **IEEE 802.3, 802.3u, 802.3x**
- **5 Ports**
- **Ethernet-Anschluss: 8-polig, M12**
- **Power supply: 5-pin, 7/8“**
- **Protection class: IP67**

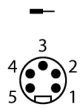
Type designation	SE-84X-E524
Ident no.	U7960
Supply voltage	24 VDC
Admissible range	10…30 VDC
Power consumption	≤ 2 W
Transient Protection	15,000 Wp
Spike Protection	5.000 W (10 times for 10 µs)
Voltage supply connection	5-pin male 7/8" connector
Fieldbus transmission rate	10 Mbps/100 Mbps
Ethernet Compliance	IEEE 802.3 (10 Mbps Ethernet) IEEE 802.3u (100 Mbps Ethernet) IEEE 802.3.3 x (Full-Duplex with Flow Control)
Communication Ports	5 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 Mbit/s: 5 µs + frame time; @10 Mbit/s: 16 µs + frame time
Electrical isolation	1500 VRMS 1 min.
Electromagnetic compatibility (EMC)	acc. to EN 50155
Dimensions	160,0 x 30,0 x 95,0 mm
Weight	720 g
Operating temperature	-40…+75 °C
Storage temperature	-40…+85 °C
Relative humidity	5…95% (non-condensing)
Vibration and shock testing	gem. IEC 60068-2-6
Protection class	IP67
Mounting	Machine mount (4 x or M10 screws, not included)
Housing material	Nylon (brass-nickle receptacles)
Approvals and certificates	CE

M12 × 1 Fieldbus



1 = WH/BU
2 = WH/BN
3 = BN
4 = OG (TX –)
5 = WH/GN (RX +)
6 = WH/OG (TX +)
7 = BU
8 = GN (RX –)

Power Supply



1 = n.c.
2 = V–
3 = n.c.
4 = V+
5 = n.c.

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.

Edition • 2017-06-26T01:54:25+02:00

Hans Turck GmbH & Co.KG ● D-45472 Mülheim an der Ruhr ● Witzlebenstraße 7 ● Tel. 0208 4952-0 ● Fax 0208 4952-264 ● more@turck.com ● www.turck.com