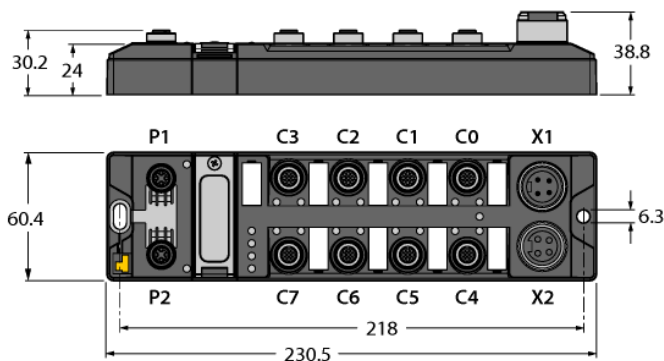


Managed Ethernet Switch

8x 100-Mbit Ports, 2x 1-Gbit Ports

TBEN-L4-SE-M2



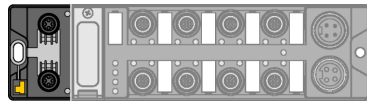
- Cut-through forwarding
- 2 × M12, 8-pin, X-coded, 1 Gbps Ethernet high-speed backbone
- 8 × M12, 4-pin D-coded, 100 Mbps
- Glass fiber reinforced housing
- Shock and vibration tested
- Fully potted module electronics
- Protection classes IP65, IP67, IP69K
- 7/8" males, 4-pin, for power supply
- Separated power groups for safety shutdown
- Web-based management
- Quick Link-Up
- Firewall
- Network load monitoring
- Cable diagnostics
- Configurable LAN/WAN zones
- NAT routing
- VLAN according to IEEE 802.1q
- Prioritization according to IEEE 802.1p
- PROFINET Conformance Class A
- Single hop inter-VLAN routing
- DHCP server/client
- Port-based IP address assignment
- IGMP (snooping/querier)
- Media redundancy RSTP
- HTTP, HTTPS, LLDP, NTP, SNMP V1-V3
- Port mirroring
- 2 × M12, 8-pin, X-coded, 1 Gbps Ethernet high-speed backbone
- 8 × M12, 4-pin D-coded, 100 Mbps Ethernet
- 7/8", 4-pin connector for power supply
- Glass fiber reinforced housing
- Shock and vibration tested
- Fully potted module electronics
- Protection classes IP65, IP67, IP69K

Type designation	TBEN-L4-SE-M2
Ident-No.	100004426
Supply	
Supply voltage	24 VDC
Admissible range	8...30 VDC with load-dump protection
Voltage supply connection	4-pin male 7/8" connector
Power dissipation, typical	≤ 4.5 W
System data	
Transmission rate Ethernet	10 Mbps/100Mbps/1Gbps
Connection technology Ethernet	2 × M12, 8-pin, X-coded 8 × M12, 4-pin, D-coded
Web server	Default: 192.168.1.254
Frame forwarding	cut through
Standard/Directive conformity	
Vibration test	acceleration to 20 g acc. to EN 60068-2-6
Shock test	acc. to EN 60068-2-27
Drop and topple	acc. to EN 60068-2-31/IEC 60068-2-32
Electromagnetic compatibility	acc. to EN 61131-2
Approvals and certificates	CE, UV-resistant in accordance with DIN EN ISO 4892-2A (2013)
General Information	
Dimensions (W x L x H)	60.4 x 230.4 x 39mm
Operating temperature	-40...+70 °C
Storage temperature	-40 °C ... +85 °C
Altitude	max. 5000 m
Protection class	IP65 IP67 IP69K
MTTF	82 years acc. to SN 29500 (Ed. 99) 20 °C
Housing material	PA6-GF30
Housing color	Black
Window material	Lexan
Material screw	303 stainless steel
Material label	Polycarbonate
Halogen-free	yes
Mounting	2 mounting holes □ 6.3 mm

Managed Ethernet Switch

8x 100-Mbit Ports, 2x 1-Gbit Ports

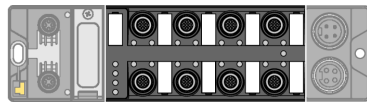
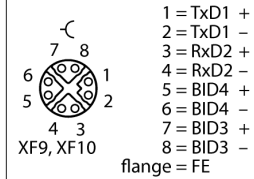
TBEN-L4-SE-M2



Accessories

Ethernet cable (example):
RSSX RSSX 860-2M
Ident.-no. UX04304

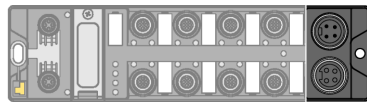
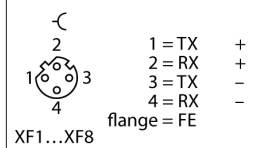
M12 × 1 Ethernet



Accessories

EtherNet/IP cable (example):
RSSD RSSD 441-2M
Ident. no. U-02482
PROFINET cable (example):
RSSD RSSD 443-2M
Ident. no. U-45540

M12 × 1 Ethernet



Accessories

Power supply cable (example):
RSM RKM 40-2M
Ident. no. U2280-0

7/8" Power Supply

