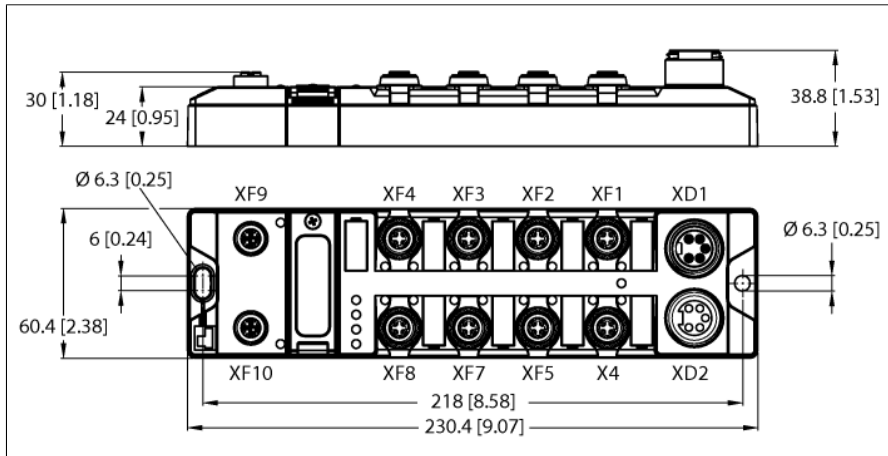


Managed Ethernet Switch

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

TBEN-L5-SE-M2



- Cut-through forwarding
- 2 × M12, 8-pin, X-coded, 1 Gbps 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, 5-pin, for power supply
- Galvanically isolated voltage groups
- 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

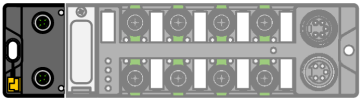
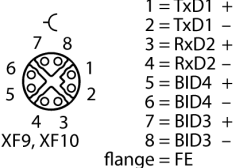
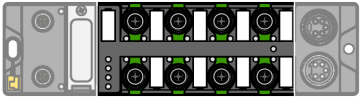
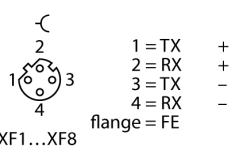
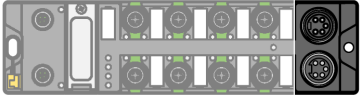
Type designation	TBEN-L5-SE-M2
Ident-No.	100004425
Supply	
Supply voltage	24 VDC
Admissible range	8...30 VDC with load dump protection
Voltage supply connection	5-pin male 7/8" connector
System data	
Transmission rate Ethernet	10 Mbps/100Mbps/1Gbps
Connection technology Ethernet	2 × M12, 8-pin, X-coded 8 × M12, 4-pin, D-coded
Web server	Default: 192.168.1.100
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-L5-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 50-2M Ident. no. U2282-0	7/8" Power Supply 