lumbergautomation
A BELDEN BRAND

Product: BTL12-08T1-02TX-L

BEETLE Single Pair Ethernet Lite Managed Switch

Product Description

Lite Managed SPE Switch with 8x M8 SPE-ports and 10Base-T1L and 2x RJ45 Fast Ethernet.

Technical Specifications

Product description

Name:	BTL-1-L-5-1-6-W2-08T1-2-02TX-S-Z9-HH-HH
Part Number:	935800001
Port type and quantity:	2 x 10/100BASE-TX 8 x 10BASE-T1L

Displays

LEDs:	Power, Port State, Device Status, PoDL

More Interfaces

Power supply/signaling contact:	1 x plug-in terminal block, 6-pin

Network size - length of cable

Twisted pair (TP):	0-100 m
Single Pair (SP):	0-1000 m

Power requirements

Operating Voltage:	24 VDC (18 - 32 VDC)
Power consumption:	1.4 W (without PoDL)

Software

Switching:	VLAN (802.1Q), QoS / Port Prioritization (802.1D/p), TOS/DSCP Prioritization, CoS Queue Management, Queue-Shaping / Max. Queue Bandwidth, Unknown Multicast Filtering, Egress Interface Shaping, Ingress Storm Protection
Management:	LLDP (802.1AB), Password change on first login, HTTP, Responsive GUI
Diagnostics:	LEDs, Device Status Indication, Syslog, Link Speed and Duplex Monitoring, SPE cable diagnosis
Configuration:	Web-based Management, OPC-UA
Security:	Local User Management, MAC based ACL
Miscellaneous:	PoDL (IEEE 802.3cg)

Ambient conditions

Operating temperature:	-10-+60 °C
Storage/transport temperature:	-40°C to + 70 °C
Relative humidity (non-condensing):	1-95 %

Mechanical construction

Dimensions (WxHxD):	61 x 163.6 x 114.7 mm
Weight:	1016 g
Mounting:	DIN Rail
Protection class:	IP40

Scope of delivery and accessories

Accessories to Order Separately:	DataTuff SPE cables, SPE connectors, RPS power supply
Scope of delivery:	Device, Terminal Block, Start-up Instructions, Saftey Instructions

History

Update and Revision:	Revision Number: 0.31 Revision Date: 02-03-2025

Variants

Item #	Type
935800001	BTL12-08T1-02TX-L

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