

## LT-L802GBTME/BO

Industrial switch with management suitable for Bosch PAVIRO and Dynacord PROMATRIX

- Suitable for Bosch PAVIRO
- Suitable for Dynacord PROMATRIX
- DIN rail mounting
- Copper ports: 8 x 10/100/1000Tx, RJ45
- Fibre optic ports: 2 x 100/1000 Mbit/s SFP
  
- Layer 3, static routing
- Manageable, ring-capable
- Power supply 12-48VDC, redundant



The robust LT-L802GBTME/BO is a high quality switch for the implementation of high performance 10, 100 and 1000Mbit Ethernet ring network structures according to IEEE802.x. This unit is set up for integration into the Bosch PAVIRO and Dynacord PROMATRIX systems. These devices have been specially developed for the industrial environment. The switch allows a fault-tolerant fibre optic ring to be set up via two connections. In case of an interruption, the ring closes automatically in less than 50ms. This increases the availability of the system. Two SFP bays for 100/1000BaseSX/LX/ZX are available for the backbone, which can be optionally equipped for multimode or singlemode.

The switches can also be used as stand-alone devices, for point-to-point connections or as connection modules. The extensive possibilities of the management software also allow the modules to be used in systems with high demands on the functionality of the network. Mounting is very quick and easy thanks to the holding device for mounting rails. The electrical and optical connections are ensured by standardised plugs (RJ45 or LC).

### More information

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#### Special features

The FW version v3.0.3b is specifically defined and fixed for the Bosch PAVIRO and Dynacord PROMATRIX evacuation systems. This makes the LT-L802GBTME/BO unsuitable for use in other network applications.



## Technical data

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### General properties

supply voltage	12-48VDC, redundante Speisung möglich, Schraubklemme
power consumption	Max. 15W
MTBF	
operating temperature	-40°C bis +75°C
dimensions	142x56x99mm (HxBxL)
Testing standards	EMV: IEC61000-4-2, 4-3, 4-4, 4-5, 4-8, IEC61000-6-2, 6-4 Freier Fall: IEC60068-2-32 Schock: IEC60068-2-27 Vibration: IEC60068-2-6

### interfaces

copper ports	8 x 10/100/1000TX, RJ45
optical fibre ports	2 x 100/1000, SFP (For copper SFPs use types AC-SFP-xxx)
console port	RS232, 115,2kBit/s, 8, N, 1, RJ45 USB-Konfig-Port: Für FW-Update, backup, restore, boot up und syslog, USB2.0 A-Typ

### network properties

backplane	20 GBit/s
MAC-table	8k
configuration	Webserver, Telnet, CLI, SNMP v1/v2/v3, TFTP, SSH, SSL, RMON, USB
PoE Management	
port settings	Per Port: Port disable/enable, Auto negotiation 10/100/1000, Full- & halfduplex, Flow Control disable/enable, data rate
port status	Per Port: Data rate, Duplex, Link, Flow Control, Auto Negotiation, Trunk
layer3 functions	IPv4 und IPv6 Unicast: static routing
VLAN	max. 64 VLAN ID & 802.1Q VLAN & Port Based



link aggregation	802.3ad LACP, static Trunk, 12 groups of 16 ports
QoS	Class of Service IEEE 802.1p per port 4 priorities
security	FCC Class A, CE, UL
multicast	IGMP v1, v2
standards	802.3, 10Base-T Ethernet 802.3u, 100BaseTX und 100BaseFX Fast Ethernet 802.3ab, 1000Base-T 802.3z, 1000Base-X 802.3x, Flow Control und Back Pressure 802.1d, Spanning Tree 802.1w, Rapid Spanning Tree 802.1s, Multiple Spanning Tree ITU-TG.8032 / Y.1344 Ethernet Ring Protection Switch 802.3ad, Port Trunk mit LACP 802.1p, Class of Service 802.1q, VLAN Tag 802.1x, User Authentication (RADIUS) 802.1ab LLDP



## Product variants

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*Version 03.10.2022, Changes without notice*