

## LT-800GBTME

### Industrial switch with management

Robust and high quality industrial switches for the use in 10/100/1000 IEEE802.x Ethernet IP-networks with high data loads. The switches may be used in redundant ring topologies with a recovery time of less than 50ms. Two or four SFP bays allow the use of fiber optic with multimode or singlemode fiber. With the high data rate of the backplane these switches are predestinated for the use in networks with a high traffic load as for instance in video surveillance. The powerful management allows the use of these switches in big and structured networks. The switch is made for mounting on DIN-rail bars.

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|  | <p>Mounting on DIN-rail bars</p> <p>Copper ports: 8 x 10/100/1000, RJ45</p> <p>Optical-fibre ports: 2 x 100/1000 SFP</p> <p>Management, ring-capable</p> <p>Supply voltage 12-48VDC, redundant</p> |
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### GENERAL SPECIFICATIONS

|                     |                                                                                                                                                   |
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| Copper ports        | 8 x 10/100/1000TX                                                                                                                                 |
| Optical-fibre ports | LT-802-GBTME: 2 x 100/1000, SFP (use AC-SFP-xxx with copper-SFP types)<br>LT-804-BGTME: 4 x 100/1000, SFP (use AC-SFP-xxx with copper-SFP types)) |
| Console port        | RS232, 115,2kBit/s, 8, N, 1, RJ45                                                                                                                 |
| USB-config-port     | For FW-Update, backup, restore, boot up and syslog, USB2.0 A-Typ                                                                                  |
| Backplane           | LT-PIGE-802-GBTME: 20 GBit/s<br>LT-PIGE-804-BGTME: 24 GBit/s                                                                                      |
| MAC-Table           | 8k                                                                                                                                                |
| Configuration       | Webserver, Telnet, CLI, SNMP v1/v2/v3, TFTP, SSH, SSL, RMON, USB                                                                                  |
| Port settings       | As per port: Port disable/enable, auto negotiation 10/100/1000, full- & halfduplex, flow control disable/enable, data rate                        |
| Port status         | As per port: Data rate, Duplex, Link, Flow Control, Auto Negotiation, Trunk                                                                       |
| VLAN                | max. 64 VLAN ID & 802.1Q VLAN & Port Based                                                                                                        |

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| Link aggregation      | 802.3ad LACP, static Trunk, 12 groups with 16-ports each                                                                                                                                                                                                                                                                                                                                                                                                    |
| QoS                   | Class of Service IEEE 802.1p 4 priorities per port                                                                                                                                                                                                                                                                                                                                                                                                          |
| Security              | FCC Class A, CE, UL                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Multicast             | IGMP v1, v2                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Standards             | 802.3, 10Base-T Ethernet<br>802.3u, 100BaseTX and 100BaseFX Fast Ethernet<br>802.3ab, 1000Base-T<br>802.3z, 1000Base-X<br>802.3x, Flow Control and Back Pressure<br>802.1d, Spanning Tree<br>802.1w, Rapid Spanning Tree<br>802.1s, Multiple Spanning Tree<br>ITU-TG.8032 / Y.1344 Ethernet Ring Protection Switch<br>802.3ad, Port Trunk with LACP<br>802.1p, Class of Service<br>802.1q, VLAN Tag<br>802.1x, User Authentication (RADIUS)<br>802.1ab LLDP |
| Test standards        | EMV: IEC61000-4-2, 4-3, 4-4, 4-5, 4-8, IEC61000-6-2, 6-4<br>Free fall: IEC60068-2-32<br>Shock: IEC60068-2-27<br>Vibration: IEC60068-2-6                                                                                                                                                                                                                                                                                                                     |
| Supply voltage        | 12-48VDC, redundant supply possible, screw terminal                                                                                                                                                                                                                                                                                                                                                                                                         |
| Power consumption     | Max. 15W                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Operating temperature | -40°C to +75°C                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Dimensions            | 142x56x99mm (Height x Width x Length)                                                                                                                                                                                                                                                                                                                                                                                                                       |

TYPES/CHARACTERISTICS

|  |      |                 |
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|  | Type | Characteristics |
|--|------|-----------------|

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|   | <p>LT-802GBTME</p> | <p>2 x SFP<br/>without SFPs<br/>without power supply</p> |
|  | <p>LT-804GBTME</p> | <p>4 x SFP<br/>without SFPs<br/>without power supply</p> |

Version 2.5.2018, subject to modifications