

## Product information GECKO 5TX

### Industrial Ethernet: Lite Managed Switches: GECKO 5TX

<https://www.e-catalog.beldensolutions.com:443/link/57078-24455-402707-437755/en/conf/uistate>

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| Name                                       | GECKO 5TX  |
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|  | Lite Managed Industrial ETHERNET Rail-Switch, Ethernet/Fast-Ethernet Switch, Store and Forward Switching Mode, fanless design.                   |
| <b>Delivery informations</b>               |  |
| Availability                               | available  |
| <b>Product description</b>                 |  |
| Description                                | Lite Managed Industrial ETHERNET Rail-Switch, Ethernet/Fast-Ethernet Switch, Store and Forward Switching Mode, fanless design.                   |
| Port type and quantity                     | 5 x 10/100BASE-TX, TP-cable, RJ45 sockets, auto-crossing, auto-negotiation, auto-polarity.   |
| Type                                       | GECKO 5TX  |
| Order No.                                  | 942 104-002  |
| <b>More interfaces</b>                     |  |
| Power supply/signaling contact             | 1 plug-in terminal block, 3-pin  |
| <b>Network size - length of cable</b>      |  |
| Twisted pair (TP)                          | 0 m ... 100 m  |
| <b>Network size - cascading</b>            |  |
| Line - / star topology                     | any  |
| <b>Power requirements</b>                  |  |
| Operating voltage                          | DC 9.6 V - 32 V  |
| Current consumption at 24 V DC             | 71 mA  |
| Power consumption                          | 1.8 W  |
| <b>Software</b>                            |  |
| Management                                 | Web-interface, HTTP(s) config file/firmware transfer, SNMP v1/v2/v3  |
| Diagnostics                                | Device status indication (LEDs), Log-File, RMON (1) statistics, Simple interface statistics, Topology Discovery according to IEEE 802.1AB (LLDP) |
| Configuration                              | BOOTP/DHCP, DHCP Option 82, HiDiscovery  |
| Security                                   | SNMPv3 (authNoPriv), Possibility to disable each port  |
| Redundancy functions                       | RSTP (IEEE 802.1D-2004)  |
| Filter                                     | TOS/DSCP prioritization (Mapping TOS/DSCP to 802.1D/p), Prioritization through 4 queues, Static unicast/multicast filter entries (up to 100)     |
| Secure Remote Access                       | SiteManager GECKO  |
| <b>Ambient conditions</b>                  |  |
| Operating temperature                      | 0 °C ... 60 °C   |
| Storage/transport temperature              | -40 °C ... 85 °C   |
| Relative humidity (non-condensing)         | 5 % ... 95 %   |
| MTBF                                       | 474.305 h (MIL-HDBK217F)   |
| <b>Mechanical construction</b>             |  |
| Dimensions (W x H x D)                     | 25 mm x 114 mm x 79 mm   |
| Mounting                                   | DIN Rail   |
| Weight                                     | 110 g  |
| Protection class                           | IP30   |
| <b>Mechanical stability</b>                |  |
| IEC 60068-2-27 shock                       | 15 g, 11 ms duration, 18 shocks  |
| IEC 60068-2-6 vibration                    | 3.5 mm, 5-8.4 Hz, 10 cycles, 1 octave/min; 1 g, 8.4-150 Hz, 10 cycles, 1 octave/min  |
| <b>EMC interference immunity</b>           |  |
| EN 61000-4-2 electrostatic discharge (ESD) | 4 kV contact discharge, 8 kV air discharge   |
| EN 61000-4-3 electromagnetic field         | 10 V/m (80-3000 MHz)   |
| EN 61000-4-4 fast transients (burst)       | 2 kV power line, 4 kV data line  |
| EN 61000-4-5 surge voltage                 | power line: 2 kV (line/earth), 1 kV (line/line), 1 kV data line  |
| EN 61000-4-6 conducted immunity            | 10 V (150 kHz-80 MHz)  |

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### EMC emitted immunity

**FCC CFR47 Part 15** FCC 47 CFR Part 15 Class A

**EN 55022** EN 55022 Class A

### Approvals

**Safety of industrial control equipment** UL61010-1/-2-201

### Scope of delivery and accessories

**Scope of delivery** Device, terminal block, operating manual

**Accessories to order separately** Rail power supply RPS 30, RPS 80 EEC or RPS 120 EEC (CC)

For more information please contact:

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