



Product information GECKO 4TX

Industrial Ethernet: Lite Managed Switches: GECKO 4TX

<http://www.e-catalog.beldensolutions.com/link/57078-24455-402707-402708/en/conf/ulistate>

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| Name | GECKO 4TX |
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| | Lite Managed Industrial ETHERNET Rail-Switch, Ethernet/Fast-Ethernet Switch, Store and Forward Switching Mode, fanless design. |
| Delivery informations | |
| Availability | available |
| Product description | |
| Description | Lite Managed Industrial ETHERNET Rail-Switch, Ethernet/Fast-Ethernet Switch, Store and Forward Switching Mode, fanless design. |
| Port type and quantity | 4 x 10/100BASE-TX, TP-cable, RJ45 sockets, auto-crossing, auto-negotiation, auto-polarity |
| Type | GECKO 4TX |
| Order No. | 942 104-001 |
| More interfaces | |
| Power supply/signaling contact | 1 plug-in terminal block, 3-pin, no signaling contact |
| Network size - length of cable | |
| Twisted pair (TP) | 0 m ... 100 m |
| Network size - cascading | |
| Line - / star topology | any |
| Power requirements | |
| Operating voltage | DC 9.6 V - 32 V |
| Current consumption at 24 V DC | 120 mA |
| Power consumption | 2,9 W |
| Software | |
| 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) |
| Ambient conditions | |
| Operating temperature | 0 °C ... 60 °C |
| Storage/transport temperature | -40 °C ... 85 °C |
| Relative humidity (non-condensing) | 5 % ... 95 % |
| MTBF | 23 years |
| Mechanical construction | |
| Dimensions (W x H x D) | 25 mm x 114 mm x 79 mm |
| Mounting | DIN Rail |
| Weight | 100 g |
| Protection class | IP30 |
| Mechanical stability | |
| 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 |
| EMC interference immunity | |
| 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), 2 kV data line IEC61131: power line 5 kV (line/earth) |
| 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 |
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| EN 55022 | EN 55022 Class A |
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Approvals

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| Safety of industrial control equipment | UL61010-1/-2-201 |
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Scope of delivery and accessories

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| Scope of delivery | Device, terminal block, operating manual |
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| Accessories to order separately | Rail power supply RPS 30, RPS 80 EEC or RPS 120 EEC (CC) |
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For more information please contact:

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