



Product information
GECKO 4TX
942 104-001

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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 - cascability | | |
| 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) | |

The information published has been compiled as carefully as possible. It is subject to alteration without notice in technical as well as in price related/commercial respect.



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 (pending)

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)