## Product information

### GECKO 4TX

**Industrial Ethernet/Lite Managed Switches:GECKO 4TX**


### Delivery information

**Availability**

available

**Product 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**

0 m ... 100 m

**Network size - cascadelibility**

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-Filer, RMON (T) 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**

TO5/OSCP prioritization (Mapping TO5/OSCP to 802.1Q) Prioritization through 4 queues, Static unicast/multicast filter entries (up to 100)

### Ambient conditions

**Operating temperature**

0 ºC ... 60 ºC

**Storage/transport temperature**

-40 ºC ... 85 ºC

**Relative humidity (non-condensing)**

5 % ... 95 %

**MTBF**

497.250 h (MIL-HDBK217F)

### 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 (83-3000 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 IEEE1613: power line 5 kV (line/earth)

**EN 61000-4-6 conducted immunity**

10 V (150 kHz-80 MHz)
Industrial Ethernet:Lite Managed Switches: GECKO 4TX


**EMC emitted immunity**
- 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)

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For more information please contact:

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