


Product: [GECKO 8TX](#) 

8x FE TX, 12-24 V DC, -40-+60°C, Lite Managed

Product Description

Lite Managed Industrial ETHERNET Rail-Switch, Ethernet/Fast-Ethernet Switch, Store and Forward Switching Mode, fanless design.

Technical Specifications
Product description

| | |
|-------------------------|--|
| Type: | GECKO 8TX |
| Description: | Lite Managed Industrial ETHERNET Rail-Switch, Ethernet/Fast-Ethernet Switch, Store and Forward Switching Mode, fanless design. |
| Part Number: | 942291001 |
| Port type and quantity: | 8 x 10BASE-T/100BASE-TX, TP-cable, RJ45-sockets, auto-crossing, auto-negotiation, auto-polarity |

More Interfaces

| | |
|---------------------------------|-----------------------------------|
| Power supply/signaling contact: | 1 x plug-in terminal block, 3-pin |
|---------------------------------|-----------------------------------|

Network size - length of cable

| | |
|--------------------|---------|
| Twisted pair (TP): | 0-100 m |
|--------------------|---------|

Network size - cascability

| | |
|-------------------------|-----|
| Line - / star topology: | any |
|-------------------------|-----|

Power requirements

| | |
|-----------------------------|---------------------|
| Operating Voltage: | 18 V DC ... 32 V DC |
| Power consumption: | 3.9 W |
| Power output in BTU (IT)/h: | 13.3 |

Software

| | |
|----------------|--|
| Switching: | TOS/DSCP prioritization (Mapping TOS/DSCP to 802.1D/p), QoS (4 queues), Static unicast/multicast filter entries (up to 100), Flow Control |
| Redundancy: | RSTP (IEEE 802.1D-2004) |
| Management: | HTML5 Web-Interface, TFTP 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, HiDiscovery |
| Security: | SNMPv3 (authNoPriv), Possibility to disable each port, SSH, SSL, MAC-Based Port Security |

Ambient conditions

| | |
|-------------------------------------|----------------------------------|
| Air Pressure (Operation): | min. 700 hPa (+9842 ft; +3000 m) |
| Operating temperature: | -40-+60 °C |
| Storage/transport temperature: | -40-+85 °C |
| Relative humidity (non-condensing): | 5-95 % |

Mechanical construction

| | |
|---------------------|---------------------------------------|
| Dimensions (WxHxD): | 38 x 102 x 79 mm (w/o terminal block) |
| Weight: | 223 g |
| Mounting: | DIN Rail |

| | |
|-------------------|------|
| Protection class: | IP30 |
|-------------------|------|

Mechanical stability

| | |
|--------------------------|---|
| 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 |
| IEC 60068-2-27 shock: | 15 g, 11 ms duration |

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 MHz - 1 GHz), 3 V/m (1,4 GHz – 6GHz) |
| EN 61000-4-4 fast transients (burst): | 2 kV power line, 2 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) |

EMC emitted immunity

| | |
|--------------------|----------------------------|
| EN 55032: | EN 55032 Class A |
| FCC CFR47 Part 15: | FCC 47CFR Part 15, Class A |

Approvals

| | |
|---|-----------------------|
| Safety of industrial control equipment: | cUL 61010-1 (pending) |
|---|-----------------------|

Scope of delivery and accessories

| | |
|----------------------------------|---|
| Accessories to Order Separately: | Rail power supply RPS 30, RPS 80 EEC or RPS 120 EEC (CC), Mounting Accessories |
| Scope of delivery: | Device, 3-pin terminal block for the supply voltage and the grounding, Safety and general information sheet |

Further Instructions

| | |
|------------------------|---|
| Product Documentation: | https://www.doc.hirschmann.com |
| Certificates: | https://www.doc.hirschmann.com/certificates.html |

Variants

| Item # | Type |
|-----------|-----------|
| 942291001 | GECKO 8TX |

| | |
|----------------------|---|
| Update and Revision: | Revision Number: 0.63 Revision Date: 10-29-2021 |
|----------------------|---|

© 2021 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.



SCATTERGOOD & JOHNSON LTD

ELECTRICAL ENGINEERING & FLUID CONTROL DISTRIBUTORS

Est.1899

At Scattergood & Johnson Ltd, we pride ourselves on being a technical distributor to specialist industries.

Working with a range of quality product manufacturers across a number of specialist markets, we are not your average 'box shifter' - we are your technical and supply chain partner.

We fully support every product we sell - for free! Our internal team and external sales engineers can answer any product or application question, no matter the complexity.

Backing up this technical ability is a range of 50,000+ products available from stock for nationwide next day delivery (same day if required!), or you can collect what you need from any of our trade counters around the UK.

Select your specialist interest below to learn more about how we can help.



Online, In Branch and On the Road - Scattergood & Johnson Ltd, there when you need us.

www.scatts.co.uk