



Product: GECKO 5TX ☑

5x FE TX, 12-24 V DC, 0-60°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**

Туре:	GECKO 5TX
Description:	Lite Managed Industrial ETHERNET Rail-Switch, Ethernet/Fast-Ethernet Switch, Store and Forward Switching Mode, fanless design.
Part Number:	942104002
Port type and quantity:	5 x 10/100BASE-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

ed Pair Cable Length:
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### **Network size - cascadibility**

Line - / star topology:	any

## **Power requirements**

Current consumption at 24 V DC:	71 mA
Operating Voltage:	9.6 V - 32 V DC
Power Consumption:	1.8 W
Power output in BTU (IT)/h:	6.1

### **Software**

Switching:	TOS/DSCP Prioritization, Prioritization through 4 queues, Static unicast/multicast filter entries (up to 100), VLAN Support	
Redundancy:	Routing between LAN and WAN	
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:	HiDiscovery, BOOTP/DHCP, Web-based Management	
Security:	SNMPv3 (authNoPriv), Possibility to disable each port	

# **Ambient conditions**

MTBF (MIL-HDBK 217F: Gb 25 °C):	474305 h
Air Pressure (Operation):	min. 795 hPa (+6562 ft; +2000 m)
Operating Temperature:	0-+60 °C
Minimum Storage Temperature:	-40-+85 °C
Non-Condensing Relative Humidity:	5-95 %

### **Mechanical construction**

Dimensions (WxHxD):	25 mm x 114 mm x 79 mm

Weight:	110 g
Mount Type:	DIN Rail
IP Protection Rating:	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 (80-3000 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)

#### **EMC** emitted immunity

EN 55032:	EN 55032 Class A
FCC 47CFR Part 15:	FCC 47CFR Part 15, Class A

#### **Approvals**

Safety of industrial control equipment:	cUL 61010-1

#### Reliability

Guarantee:	60 months (please refer to the terms of guarantee for detailed information)

#### Scope of delivery and accessories

Accessories to Order Separately:	s to Order Separately: Rail power supply RPS 30, RPS 80 EEC or RPS 120 EEC (CC), Mounting Accessories	
Scope of delivery:	livery: 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	
Software Download:	https://hirschmann-support.belden.com/en-US/downloads/gecko	

#### History

Update and Revision:	Revision Number: 0.110 Revision Date: 03-25-2025

### Variants

Item #	Туре
942104002	GECKO 5TX

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