



**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**

Type:	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**

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

**Network size - cascability**

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:	RSTP (IEEE 802.1D-2004)
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
Storage/transport temperature:	-40-+85 °C
Relative humidity (non-condensing):	5-95 %

**Mechanical construction**

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

Weight:	110 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 (80-3000 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 CFR47 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:	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:	<a href="https://www.doc.hirschmann.com">https://www.doc.hirschmann.com</a>
Certificates:	<a href="https://www.doc.hirschmann.com/certificates.html">https://www.doc.hirschmann.com/certificates.html</a>
Software Download:	<a href="https://hirschmann-support.belden.com/en-US/downloads/gecko">https://hirschmann-support.belden.com/en-US/downloads/gecko</a>

## History

Update and Revision:	Revision Number: 0.108 Revision Date: 02-13-2025
----------------------	--

## Variants

Item #	Type
942104002	GECKO 5TX

© 2025 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.