

Product information GECKO 4TX

Industrial Ethernet: Lite Managed Switches: GECKO 4TX

Name	GECKO 4TX
	
	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 - cascadiability	
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 IEEE1613: power line 5 kV (line/earth)
EN 61000-4-6 conducted immunity	10 V (150 kHz-80 MHz)



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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)
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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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