

Xelity 4TX managed switch 4 port 1000Mbit ProfiNet IP20

Art.No.: 58821

Weight: 0.162 kg

Country of origin: DE

Model designation: Xelity 4TX M GE PN

The Xelity product range is intended for use in industrial environments. The switches have TX ports for twisted pair cables

4-port PROFINET managed switch in IP20 plastic housing

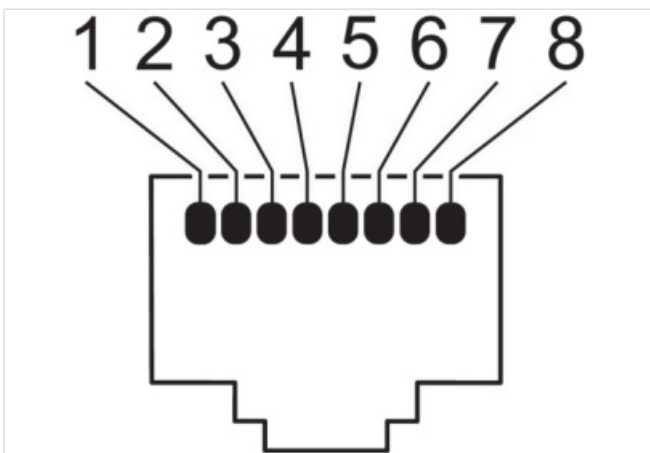
4 RJ45 ports with Gigabit transmission speed

Power connection via push-in terminals

Connection cables are in the online shop under "Connection Technology".

[Link to Product](#)

Illustration



Product may differ from Image



Header

Material short text

Xelity 4TX M GE PN

Commercial data

URL Webshop <https://shop.murrelektronik.com/58821>

GTIN	4065909004678
ECLASS-6.1	19170106
ECLASS-7.0	19170106
ECLASS-7.1	19170106
ECLASS-8.0	19170106
ECLASS-8.1	19170106
ECLASS-9.0	19170401
ECLASS-9.1	19170106
ECLASS-10.0.1	19170401
ECLASS-10.1	19170401
ECLASS-11.0	19170401
ECLASS-11.1	19170401
ECLASS-12.0	19170401
ECLASS-13.0	19170401
ECLASS-14.0	19170401
customs tariff number	85176200
EAN	4065909004678
Packaging unit	1

Electrical data | Supply

Operating voltage DC	24 V
Operating voltage DC min.	9 V
Operating voltage DC max.	30 V
Idle current min.	82,5 mA
Idle current max.	137,5 mA
Current consumption max.	300 mA
Power consumption max.	2,8 W

Industrial Communication

Supported protocol	Profinet
Data transmission rate max.	100 Mbit/s

Industrial communication | Ethernet functionality

LLDP frames	forwarding
Switch type	managed
duplex	Full duplex
Auto-negotiation	Yes
Auto-crossover	Yes
Ring topology	STP, RSTP, MRP

Industrial communication | Profinet

PROFINET conformance class	B
PROFINET addressing	DCP
PROFINET Netload Class	III
PROFINET specification	V2.4
MRP client	Yes
FSU (Fast-Start-Up)	No
Shared device/input	No

Industrial communication | IIoT functions

Webserver	HTTP, HTTPS
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Switch Management

VLAN managed (IEEE 802.1Q)	Yes
VLANs max. (IEEE 802.1Q)	64
RSTP (IEEE 802.1D-2004, IEC 62439-1)	Default on

Simple Network Management Protocol (SNMP) v1 + v2c + v3 (default active)

Time synchronization	NTP client, Real-time clock
Addressing	SSH-Befehlszeile, DCP, BOOTP/DHCP client

Diagnostics

Alarm contact	Yes
Diagnostic	No voltage
LED display	Ethernet connection/data traffic
RMON	Yes
Port mirroring	N:1, 1:1
Remote maintenance	Open VPN client
Syslog	Yes
SNMP traps	Yes

Device protection | Electrical

Degree of protection (EN IEC 60529)	IP20
Invers-polarity protection	Yes
Over voltage protection	Yes

Mechanical data | Material data

Material housing	Plastic
Color housing	gray

Mechanical data | Mounting data

Height	140 mm
Width	30 mm
Depth	85,1 mm
Mounting method	geschnappt
Suitable for mounting type	Mounting rail TH35, (EN 60715)

Environmental characteristics | Climatic

Operating temperature min.	-40 °C
Operating temperature max.	75 °C
Derating from	70 °C
Ambient temperature (storage, transport)	-40 °C ... 85 °C
Relative humidity (operation)	5 % ... 95 %
Additional condition relative humidity	no condensation

Connection type 2

Connection type 1	4
Family construction form	RJ45
No. of poles	8
Gender	female
Color contact carrier	black
PIN 1	DA +
PIN 2	DA -
PIN 3	DB +
PIN 4	DC +
PIN 5	DC -
PIN 6	DB -
PIN 7	DD +
PIN 8	DD -
Family construction form	terminal
No. of poles	4
Gender	female
Color contact carrier	green
Connection	Spring clamp terminals FK

PIN 1	24 V DC (UB 1)
PIN 2	0 V
PIN 3	PE
PIN 4	n.c.