

Xelity 8TX managed switch 8 port 1000Mbit ProfiNet IP20

Art.No.: 58825

Weight: 0.164 kg

Country of origin: DE

Model designation: Xelity 8TX M GE PN

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

8-port PROFINET managed switch in IP20 plastic housing

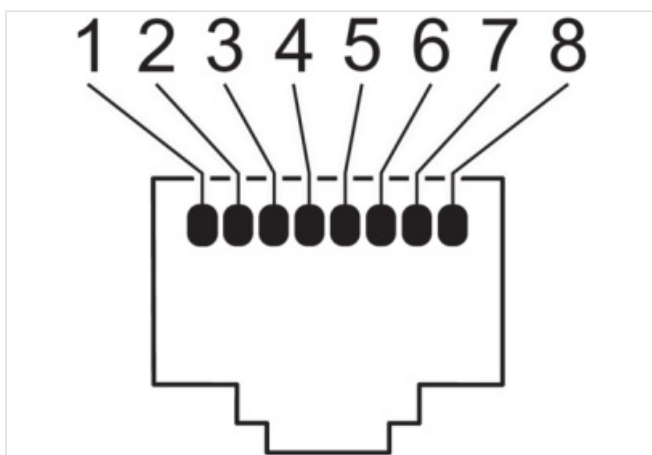
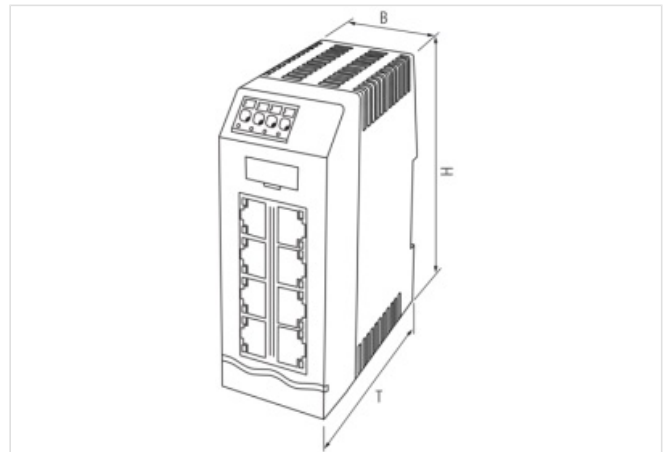
8 RJ45 ports with Gigabit transmission speed

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 8TX M GE PN

Commercial data

URL Webshop <https://shop.murrelektronik.com/58825>

GTIN	4065909004722
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	4065909004722
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.	112,5 mA
Idle current max.	187,5 mA
Current consumption max.	400 mA
Power consumption max.	3,6 W

Industrial Communication

Supported protocol	Profinet
Data transmission rate max.	1.000 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

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	HTTPS
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Switch Management

NAT	1:1
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	No
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	105 mm
Width	41,6 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	65 °C
Ambient temperature (storage, transport)	-40 °C
Relative humidity (operation)	5 %
Additional condition relative humidity	no condensation
Connection type 2	
Connection type 1	8
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.