

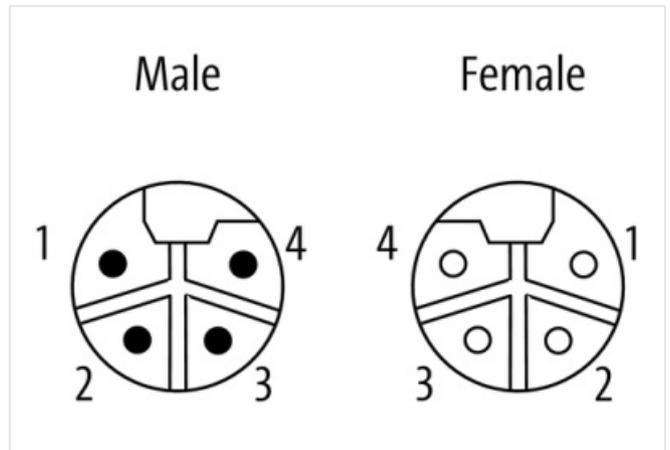
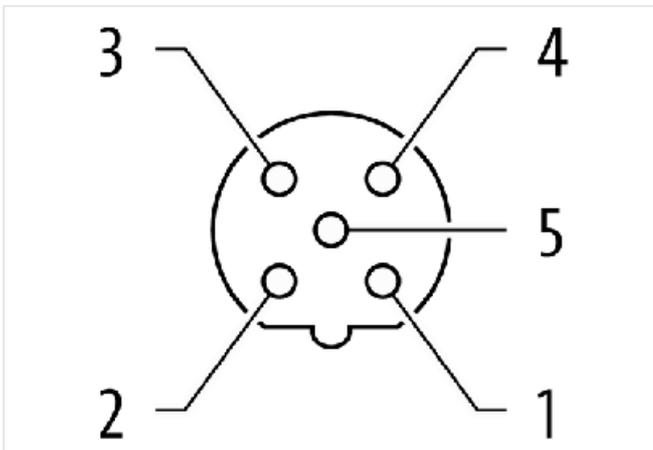
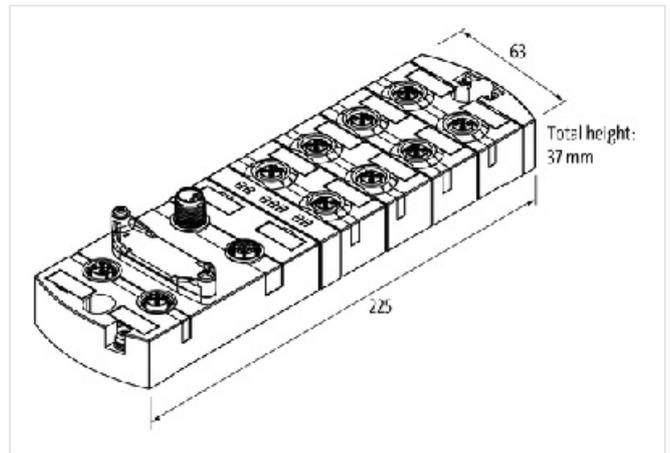
Xelity PROFINET Managed Switch 10x 10/100BT IP67 M12L 4P

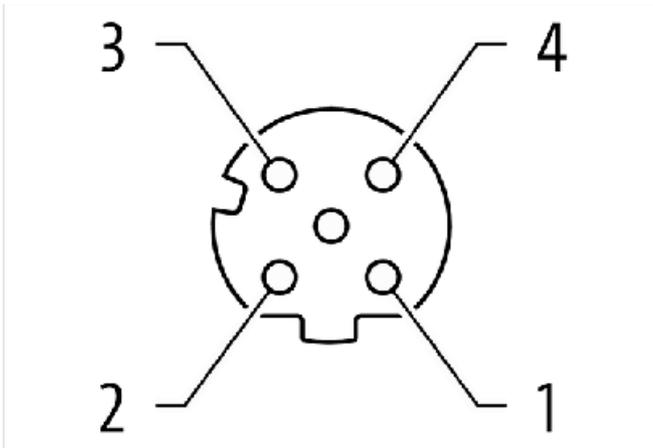
Art.No.: 58841
 Weight: 0.912 kg
 Country of origin: DE
 Model designation: Xelity 10 TX IP67 M FE PN 4P

10 Port FE with PN
 PROFINET - Managed Switch
 M12 Power, 4-pole, L-coded
 Connection cables are in the online shop under "Connection Technology".

[Link to Product](#)

Illustration





Product may differ from Image

**Commercial data**

URL Webshop	https://shop.murrelektronik.com/58841
GTIN	4048879866262
ECLASS-6.1	19170106
ECLASS-7.0	19170106
ECLASS-7.1	19170106
ECLASS-8.0	19170106
ECLASS-8.1	19170106
ECLASS-9.0	19170106
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	4048879866262
Packaging unit	1

Electrical data | Supply

Security level	SELV/PELV
Operating voltage type	DC
Operating voltage DC min.	9 V
Operating voltage DC max.	30 V
Operating voltage US DC	12 V / 24 V
Operating voltage range US DC	9 V ... 30 V
Operating voltage range UA DC	9 V ... 30 V
Idle current max.	170 mA
Current consumption max.	320 mA
Power consumption max.	2,9 W

Electrical data | Input

Sensor current US per input max.	16 A
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Industrial Communication

Number of HW interfaces (Industrial Ethernet) 10

Industrial communication | Bus data

Supported protocol Profinet

Industrial communication | Ethernet/IP

Addressing DHCP

CIP Sync Yes

Device Level Ring (DLR) No

Shared device/input No

Industrial communication | Ethernet functionality

Switch type managed

Switching procedure Store & forward

duplex Full or half duplex

Auto-negotiation Yes

Auto-crossover Yes

Auto-polarity Yes

Energy-efficient Ethernet (IEEE 802.3az) Yes

Ring topology RSTP, MRP

Net topology RSTP

Industrial communication | Profinet

Conformance Class B

addressing DCP

PROFenergy No

Netload Class III

Specification V2.4

Cycle time min. 128 ms

IRT-network communication No

MRP client Yes

Fast-Start-Up (FSU) No

Shared device/input No

Industrial communication | IIoT functions

Webserver HTTP, HTTPS

Remote maintenance Open VPN client

Industrial communication | Security

Webserver HTTPS certificate management, Password change at first login (FPC), Local user administration, TLS V1.2 and higher

Access control Network Access Control (NAC 802.1X), RADIUS-Server

Switch Management

IP preset 0.0.0.0/24

Priorization type (IEEE 802.1D, IEEE 802.1p) CoS, DSCP, (Mapping CoS/DSCP)

NAT 1:1

QoS (IEEE 802.1p) 8 queues

VLAN managed (IEEE 802.1Q) Yes

VLANs max. (IEEE 802.1Q) 64

MRP (IEC 62439-2) Manager, Client

RSTP (IEEE 802.1D-2004, IEC 62439-1) Default off

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

AutoUpdateX compatible \geq V3.6

Time synchronization NTP client, NTP-Server, PTP

Addressing SSH-Befehlszeile, DCP, BOOTP/DHCP client, Web based management, MIB-Support

Configuration file management Webserver, FTP, TFTP, SFTP, HTTP, Micro SD

Diagnostics

The information in this Product-PDF has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2026-03-10

Alarm contact	No
LED display	Ethernet connection/data traffic, Fieldbus status, power supply, Device state
System information	Input voltage, Device information, device temperature, Overload indicator
RMON	Yes
Network information	MAC notifications, Neighborhood detection (LLDP, IEEE 802.1AB)
Port mirroring	1:1, N:1
Syslog	Yes
SNMP traps	Yes

Device protection | Electrical

Installation height max. ASL	3.000 m
Degree of protection (EN IEC 60529)	IP67, IP65

Device protection | Mechanical

Free fall (EN 61131-2)	0,3 m
Shock resistance (EN IEC 60068-2-27)	30 g 11 ms 6 x (X-, Y-, Z-axis)
Vibration resistance (EN IEC 60068-2-6)	3,5 mm (3 ... 27 Hz), 10 g (27 ... 150 Hz), XYZ-Axis

Mechanical data | Material data

Material housing	Zinc die-casting
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Mechanical data | Mounting data

Net weight	912 g
Height	225 mm
Width	63 mm
Depth	37,4 mm
Mounting method	screwed
Suitable for mounting type	2-hole screw mounting

Environmental characteristics | Electromagnetic compatibility

Interference emission	EN IEC 61000-6-3
Immunity to interference	EN IEC 61000-6-1, EN IEC 61000-6-2

Environmental characteristics | Climatic

Operating temperature min.	-25 °C
Operating temperature max.	55 °C
Ambient temperature (operation)	-40 °C ... 70 °C
Derating	min. 55 °C
Ambient temperature (storage, transport)	5 °C ... 95 °C
Relative humidity (storage, transport)	max. 95 %
Assembly location	Interior

Technical Data | Reliability

MTTF (EN/IEC 61709, EN ISO 13849-1, SN 29500)	108 a @ 40 °C
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Environmental product conformity

REACH ((EC) 1907/2006)	compliant
REACH SVHC ((EC) 1907/2006)	Lead (Pb) CAS 7439-92-1, Triphenyl... CAS 115-86-6
RoHS (2011/65/EU, (EU) 2015/863)	compliant
RoHS-Exemption (2011/65/EU)	6(c), 7(a), 7(c)-I
China RoHS (SJ/T 11364, GB/T 26572)	EFUP-25
California Proposition 65	Nickel (Ni) CAS 7440-02-0
WEEE (2012/19/EU)	Category 6
Halogen-free-Material	not halogen-free
Pb-free-Material	No
Date of evaluation	2021-02

Conformity

Product standard	EN/IEC 61010-1, EN IEC 61010-2-201
CE	2014/30/EU, 2011/65/EU
UKCA	The Electromagnetic Compatibility Regulations 2016, The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012
Approvals	
UL Listed (US, CA)	E201820
Connection type 3	
Connection type 1	XD1
Connection type 2	XD2
Connection type 3	XF1-XF10
Family construction form	M12
No. of poles	5
Coding	L
Gender	male
Color contact carrier	black
PIN 1	24 V DC (UB 1) (US)
PIN 2	0 V (UA)
PIN 3	0 V (UB 1) (US)
PIN 4	24 V DC (UA)
PIN 5	n.c.
Family construction form	M12
No. of poles	4
Coding	L
Gender	female
Color contact carrier	black
PIN 1	24 V DC (UB 1) (US)
PIN 2	0 V (UA)
PIN 3	0 V (UB 1) (US)
PIN 4	24 V DC (UA)
Family construction form	M12
No. of poles	4
Coding	D
Gender	female
Color contact carrier	green
PIN 1	TD +
PIN 2	RD +
PIN 3	TD -
PIN 4	RD -