

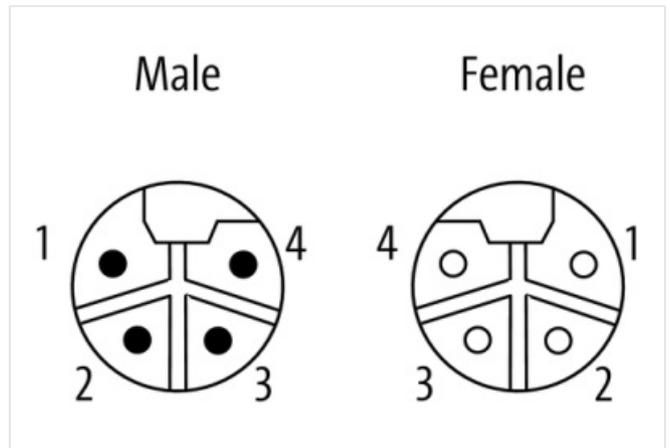
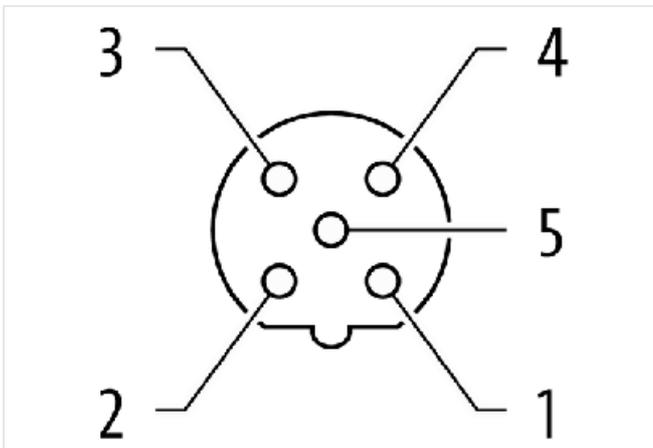
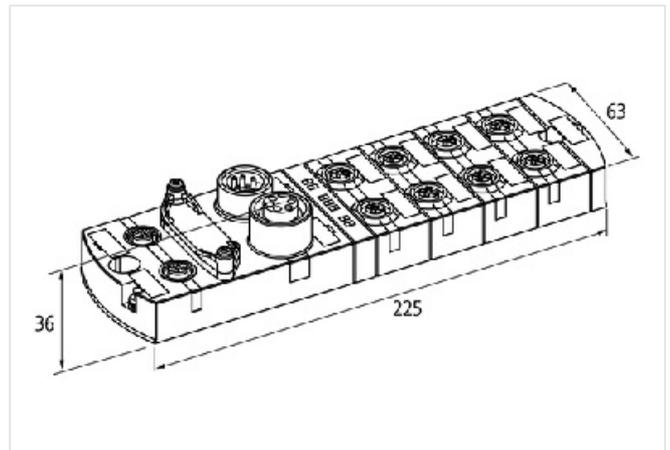
Xelity Managed Switch 10x 10/100BT IP67 M12L 4P

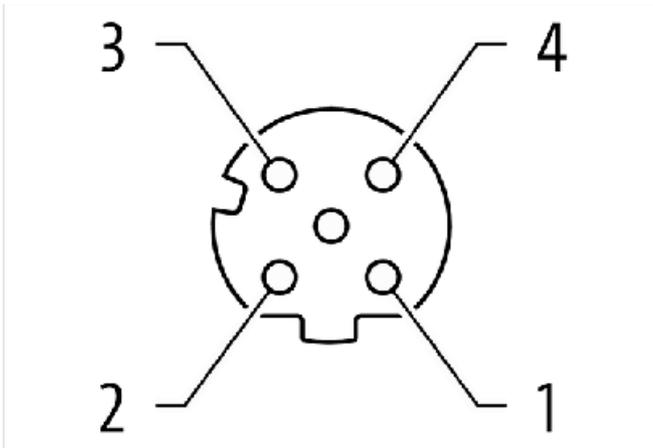
Art.No.: 58840
 Weight: 0.912 kg
 Country of origin: DE
 Model designation: Xelity 10 TX IP67 M FE 4P

10 Port FE without PN
 M12 Power, 4-pole, L-coded
 Supply PIN 1/3
 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/58840
GTIN	4048879866255
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	4048879866255
Packaging unit	1

Electrical data | Supply

Security level	SELV/PELV
Operating voltage type	DC
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
----------------------------------	------

Industrial Communication

Number of HW interfaces (Industrial Ethernet)	10
---	----

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
Topology	line, star, net, ring
Line topology cascading max.	64
Ring topology	MRP, RSTP
Net topology	RSTP
Industrial communication Profinet	
Conformance Class	A
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	DHCP
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	≥V3.6
Time synchronization	NTP client, NTP-Server, Real-time clock, PTP
Addressing	SSH-Befehlszeile, DCP, BOOTP/DHCP client, Web based management, MIB-Support
Configuration file management	Webserver, FTP, TFTP, SFTP, HTTP, Micro SD
Diagnostics	
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
Protection class (EN IEC 61140)	III
Additional condition overload protection	Circuit Breakers 9 A
Invers-polarity protection	Yes
Pollution Degree	2
Over voltage protection	No

Overload protection device supply	Yes
Protective circuitry input	Internal, Suppressor diode
Overvoltage category (EN 60664-1)	I
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
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.	70 °C
Ambient temperature (operation)	-40 °C ... 70 °C
Derating	min. 55 °C
Ambient temperature (storage, transport)	-40 °C ... 85 °C
Relative humidity (operation)	5 % ... 95 %
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
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 -