

# COMPACT



## Robust, space-saving and data-rich

- Three models: 10 x 100 Mbit/s, 10 x 1000 Mbit/s, 2 x 1000 Mbit/s + 8 x 100 Mbit/s
- 4 or 5-pole L-coded M12 Power Connection
- IP67 rated metal housing
- Shock and vibration proof
- Managed or ProfiNet managed
- With / without functional ground (4/5-pole)
- “Power Out” socket for power forwarding
- Managed version can be used as a NAT switch
- Automatic neighborhood detection (LLDP)

## XELITY 10 TX IP67

### DECENTRALIZED NETWORKING MADE EASY!

The Xelity 10 TX IP67 switch from Murrelektronik opens up smart, decentralized data management for IIoT. With the IP67 rated Xelity 10 TX managed switch, fail-safe networks can be implemented under the most difficult conditions in the most diverse application scenarios – including fast data flow rates of up to 10 x Gigabit in one switch. The biggest benefit is the availability of 10 ports in an enormously small, but very robust, metal housing.

## EFFICIENT NETWORK STRUCTURES INCREASE PRODUCTIVITY

The Xelity 10 TX switch maximizes bandwidth and provides reliable data communication. The metal housing is suitable for harsh environments and allows you to add one more component to your decentralized, cabinet-free installation.

With Xelity 10 TX your networks are quickly up and running and always on. The integrated web server enables you to configure your switch and view diagnostics online while its high data flow rates shorten application cycle times.



## TECHNICAL AND ORDERING INFORMATION



Order data				
Art.-No.	<b>58840</b>	<b>58841</b>	<b>58842</b>	<b>58843</b>
Ports				
Fieldbus	10× M12 (female), D-coded		2× M12 (female), X-coded 8× M12 (female), D-coded	
Supply Switch	2× M12 Power 4 pole L-coded 2 x max 16 A			
Technical data				
Operating voltage	9...36 V			
Transfer rate	10/100 Mbit/s full duplex		10/100/1000 Mbit/s full duplex	
Operating mode	Autocrossing Autonegotiation			
Switch Management				
Switch Form	Managed Switch	ProfiNet Managed Switch	Managed Switch	ProfiNet Managed Switch
Web server	HTTP, HTTPS			
VLAN (QoS) IEEE 802.P	Yes			
Port Mirroring	Yes			
Protocols	DHCP, SNMP (v1, v2c, v3), RSTP, STP, LLDP, NTP, RMON, SSH (CLI) Syslog			
Remote maintenance	Open VPN	No	Open VPN	No
Alarm contact	No			
Fieldbus	Ethernet	Profinet/Ethernet	Ethernet	Profinet/Ethernet
General data				
Protection type	IP67			
Housing	Metal			
Assembly	2-hole screw mounting			
Temperature range	-25... 70 °C (derating see manual), (storage temperature -40...+85 °C)			
Dimensions H x W x D	37 x 63 x 225 mm			
Weight	approx. 970 g			
Max. operating height	3000 m			
Power consumption	3.6 W		4.4 W	
Current consumption 24 V	150 mA		180 mA	
Diagnosis				
Communication status	per LED, LLDP			
Monitoring – no voltage	Yes			



Order data				
Art.-No.	<b>58844</b>	<b>58845</b>	<b>58850</b>	<b>58851</b>
Ports				
Fieldbus	10× M12 (female), X-coded		10× M12 (female), D-coded	
Supply Switch	2× M12 Power 4 pole L-coded 2 x max 16 A		2× M12 Power 5 pole L-coded 2 x max 16 A	
Technical data				
Operating voltage	9...36 V			
Transfer rate	10/100/1000 Mbit/s full duplex		10/100 Mbit/s full duplex	
Operating mode	Autocrossing Autonegotiation			
Switch Management				
Switch Form	Managed Switch	ProfiNet Managed Switch	Managed Switch	ProfiNet Managed Switch
Web server	HTTP, HTTPS			
VLAN (QoS) IEEE 802.P	Yes			
Port Mirroring	Yes			
Protocols	DHCP, SNMP (v1, v2c, v3), RSTP, STP, LLDP, NTP, RMON, SSH (CLI) Syslog			
Remote maintenance	Open VPN	No	Open VPN	No
Alarm contact	No			
Fieldbus	Ethernet	Profinet/Ethernet	Ethernet	Profinet/Ethernet
General data				
Protection type	IP67			
Housing	Metal			
Assembly	2-hole screw mounting			
Temperature range	-25... 70 °C (derating see manual), (storage temperature -40...+85 °C)			
Dimensions H x W x D	37 x 63 x 225 mm			
Weight	approx. 970 g			
Max. operating height	3000 m			
Power consumption	6,0 W		3.6 W	
Current consumption 24 V	250 mA		150 mA	
Diagnosis				
Communication status	per LED, LLDP			
Monitoring – no voltage	Yes			

# TECHNICAL AND ORDERING INFORMATION



Order data				
Art.-No.	<b>58852</b>	<b>58853</b>	<b>58854</b>	<b>58855</b>
Ports				
Fieldbus	2× M12 (female), x-coded 8× M12 (female), D-coded		10× M12 (female), X-coded	
Supply Switch	2× M12 Power 5-pole, L-coded 2 x max 16 A			
Technical data				
Operating voltage	9...36 V			
Transfer rate	10/100/1000 Mbit/s full duplex		10/100/1000 Mbit/s full duplex	
Operating mode	Autocrossing Autonegotiation			
Switch Management				
Switch Form	Managed Switch	ProfiNet Managed Switch	Managed Switch	ProfiNet Managed Switch
Web server	HTTP, HTTPS			
VLAN (QoS) IEEE 802.P	Yes			
Port Mirroring	Yes			
Protocols	DHCP, SNMP (v1, v2c, v3), RSTP, STP, LLDP, NTP, RMON, SSH (CLI) Syslog			
Remote maintenance	Open VPN	No	Open VPN	No
Alarm contact	No			
Fieldbus	Ethernet	Profinet/Ethernet	Ethernet	Profinet/Ethernet
General data				
Protection type	IP67			
Housing	Metal			
Assembly	2-hole screw mounting			
Temperature range	-25... 70 °C (derating see manual), (storage temperature -40...+85 °C)			
Dimensions H x W x D	37 x 63 x 225 mm			
Weight	approx. 970 g			
Max. operating height	3000 m			
Power consumption	4.4 W		6,0 W	
Current consumption 24 V	180 mA		250 mA	
Diagnosis				
Communication status	per LED, LLDP			
Monitoring – no voltage	Yes			