

Product **FOCUS**

Efficiency in Automation

Cable • Connectivity • Cabinet • Control

LÜTZE E-CO Switches

Unmanaged **E**thernet **C**ompact
(**E-CO**) Switches



LÜTZE E-CO Switches for universal use in industrial communication systems.

The new LÜTZE 5, 8 and 16 port Ethernet Switches are ideal for applications with demanding requirements such as internal power supply, extended temperature range and energy savings. Fieldbus systems such as ProfiNET, Ethernet IP and others are supported.

Highlights:

- Redundant AC/DC wide input voltage range, DC 12-48 V, AC 24 V
- Intelligent energy management
- QoS – Quality of Service
- Autonegotiation and autocrossing
- PoE+ (36 W instead of the previous 15.4 W) modules
- Expanded temperature range -40 - +75°C
- Compact design
- DIN rails or wall mounting
- Error message per contact
- Improved ESD protection – 6KV
- Transmission up to 20 km via SFP



Fast Ethernet (10/100 Mbit/s)



Ports	Part-No.	Designation	Dimension (LxWxD)
5	772004	ET-SWU5E	30x104x70
8	772006	ET-SWU8E	41x115x70
16	772008	ET-SWU16E	66x152x107

Highlights

- Prioritization of data traffic
- Status reports per LED
- Independent installation position
- Various network topologies possible

Advantages

- More system design flexibility
- Improved system availability
- General purpose
- Economical solution

Gigabit Ethernet (1000 Mbit/s)



Ports	Part-No.	Designation	Dimension (LxWxD)
5	772013	ET-SWGU5E	30x104x70
8	772015	ET-SWGU8E	32x135x97
16	772017	ET-SWGU16E	66x152x107

Highlights

- QoS Quality of Service
- Jumbo frames 9K
- Compact housing
- Speed signaling per LED

Advantages

- Prioritization of data traffic
- More system design flexibility
- More space in the control cabinet
- Economical solution



More information about the new
E-CO Switches from LÜTZE, can be found
on our homepage: www.lutze.com

PoE+ (1000 Mbit/s)



Ports	Part-No.	Designation	Dimension (LxWxD)
4	772009	ET-SWGU4FP	50x135x87
8	772025	ET-SWGU8FP	77x152x107,3

Highlights

- Up to 36 W per port
- Centralized power supply
- Energy-efficient operation
- Future-proof and expandable
- Compatible with PoE+ and non-PoE+ devices

Advantages

- No wiring effort, as power and data run through a single cable
- Suitable for copper and fibre optic applications
- Lower wiring costs
- Versatile use

SFP Modules – Small Form-factor Pluggable.

Maximum flexibility for professional networking solutions.

SFP modules are modular transceivers that seamlessly integrate into network devices such as switches. They enable customized network connections, whether copper or fibre optic, for short distances or long-range transmission. This technology provides maximum flexibility, scalability, and efficiency for modern, future-proof network infrastructures.



Highlights

- Data rates up to 1 Gbit/s
- Ranges of several kilometers
- Energy-efficient operation
- Future-proof and expandable

Advantages

- Modular and flexible use
- Suitable for copper and fibre optic applications
- Space-saving design
- Hot-swappable during operation

Part-No.	Designation	Typ	Speed	Transmission length	Wavelength	Type of connector LWL
772034	MGB-TSX	Single-Mode	1 Gbit	550 m	850 nm	Double LC
772035	MFB-TFX	Single-Mode	100 Mbit	2 km	1310 nm	Double LC
772036	MGB-TLX	Single-Mode	1 Gbit	20 km	1310 nm	Double LC
772037	MFB-TF20	Single-Mode	100 Mbit	20 km	1310 nm	Double LC

Sustainable answers and solutions!

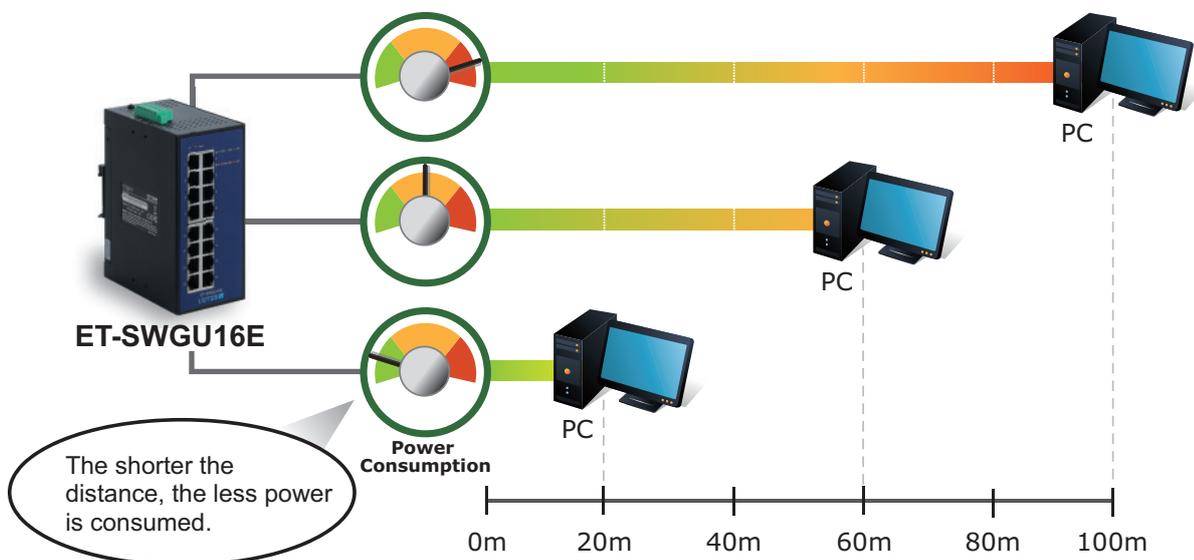


As part of the SkyBLUE sustainability initiative, LÜTZE develops and markets highly sustainable and innovative solutions.

Sustainability at LÜTZE:
<https://www.luetze.com/skyblue>

The new E-CO Switches offer intelligent expansions for creating energy-saving Ethernet networks. Energy Efficient Ethernet (EEE) is implemented in compliance with the IEEE 802.3az norm. The result: consistent energy savings.

Intelligent energy management



Standard application

