

Low Profile Industrial Unmanaged Switch OttoE Series

OttoE Series TF100(H) / TG100(H)

The OttoE Series supports Ethernet/IP and Profinet with QoS functions, and is compact with a height of 100mm.
A lineup of Gigabit and SFP (optical) compatible products to support a wide range of applications



Industry's smallest unmanaged switch

With a height of 100 mm, it fits in small control panels.

(*) OttoE Series: 45 x 100 x 75 (mm)

Supports redundant power

Redundant power inputs and relay alarms are supported to help improve reliability during system integration.

Highly visible LED

The LEDs are positioned in the upper part of the front panel, which is less likely to be blocked by wiring. It ensures high visibility.



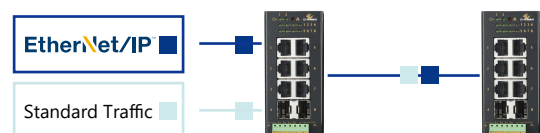
Application example: Wind power plants

Front access/Push-in connector

Push-in connectors help to save wiring efforts. Freeing up top space for easy front access, eliminating the need for unnecessary adjustments, and improves workability.

Priority control (QoS)

TG100 protects EtherNet/IP, PROFINET, CC-link IE field Basic, Modbus/TCP, and BACnet(*) communications by priority control, and can prevent communication timeout errors that occur when coexisting with general LAN devices.



(*) TG100 & TF100 prioritize EtherNet/IP

Product Specifications

*This product is covered by our conditional lifetime warranty

				
	OttoE Series		OttoE H Series	
Interface				
Ports Number	8	6	8	6
RJ45 Transmission Speed	10/100Mbps	10/100Mbps	10/100/1000Mbps	10/100/1000Mbps
SFP Ports	—	2	—	2
SFP Transmission Speed	—	100Mbps	—	100/1000Mbps
Communication				
Processing Type	Store & Forward			
Auto-Negotiation / Auto-MDI / MDIX	o / o (RJ45 ports)			
MAC Address Table	2K	2K	2K	2K
EEE (Energy Efficient Ethernet)	○	○	○	○
Jumbo Frame	—	—	o (9kB)	o (9kB)
Flow Control (Send / Receive)	Enabled / Enabled	Enabled / Enabled	Enabled / Enabled	Enabled / Enabled
802.1p/CoS Priority Control (QoS)	○	○	○	○
EtherNet/IP Priority Control (QoS)	○	○	○	○
Industrial Protocol Priority Control (PROFINET, CC-link IE field Basic, Modbus/TCP, BACnet)	—	—	○	○
General Specifications				
Power Input	12 - 48 VDC (9 - 55 VDC) Terminal Block			
Working Temp.	- 10 - 60°C / 40 - 75°C (H series)			
IP Rating	IP40 / IP30 (H series)			
Housing Material	Metal			
Redundant Power Supply	○ (○)			
Dimension (W × H × D) (mm)	45 x 100 x 75			
Installation	DIN Rail			
Regulatory Approvals				
EMC	EN 55032, EN 50121-4			
Noise Emission Noise	EN 61000-6-4: 2019			
Certification/Compliance	CE, UL, cUL, EN 50121-4, VCCI, NEMA-TS2 (H series)			

Please note: Contents such as specifications are subject to change without notice.

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