

# OttoE TF100-0602

8-port FE Ethernet Switches



## Overview

EtherWAN's OttoE TF100-0602 is an industrial unmanaged Ethernet switching platform, designed for easy deployment in harsh environments with limited space. The OttoE Series is an economic easy-to-use device, which provides essential industrial Ethernet networking functionality.

OttoE TF100-0602 supports 9 to 55VDC redundant power input, and also provides relay alarm for power failure. It is equipped with Six Fast Ethernet copper ports and Two 100 Mbps SFP ports for long distance connectivity.

This adaptable switch supports both full and half-duplex auto-negotiation, as well as auto MDI/MDIX functionality, making it easy to connect various network devices. With Quality of Service (QoS) support, it ensures traffic prioritization and efficient resource management. Its durable, DIN rail mountable metal housing offers secure and straightforward installation, with a mounting kit included.

EtherWAN — "When Connectivity is Crucial."

## Highlight

### + Range of Operating Temperatures

Supports Industrial Grades

### + High Reliability

Fanless design

### + SFP Connectivity

Up to two SFP option

### + Quality of Service

EtherNet/IP

# Specifications

## + Interface

### Ethernet

10/100BASE-TX: 8 ports

100BASE-SFP: 2-ports

### Alarm Contact

One relay output with current 0.5A@30V

### LED Indicators

Per Unit: Power 1 (Green), Power 2 (Green), Fault (Red)

Per Port: Link/Activity (Green)

## + Physical

### Casing Material

Metal

### IP Rating

IP40

### Dimensions

45 x 75 x 100mm (W x D x H) (1.77" x 2.95" x 3.94")

### Weight

336g (0.74lbs)

### Installation Type

DIN-Rail (Top hat type 35mm) mounting

## + Technology

### Standards

IEEE 802.3 10BASE-T

IEEE 802.3u 100BASE-TX/FX

IEEE 802.3az Energy Efficient Ethernet

IEEE 802.1p Quality of Service (QoS)

### Forward/Filtering Rate

14,880pps for 10Mbps

148,810pps for 100Mbps

### Packet Buffer Memory

768K bits

### Processing Type

Store-and-Forward

Auto Negotiation

Half-duplex back-pressure

Auto MDI/MDIX

### Address Table Size

2K MAC

## + Regulatory

### ISO

Manufactured in ISO-9001 facility

### EMI

FCC Part 15 Class A

VCCI Class A

EN 61000-6-4

ICES-003

EN 55032

BSMI

### EMS

EN 61000-6-2

- EN 61000-4-2 (ESD)

- EN 61000-4-3 (Radiated RFI)

- EN 61000-4-4 (Burst)

- EN 61000-4-5 (Surge)

- EN 61000-4-6 (Induced RFI)

- EN 61000-4-8 (Magnetic field)

### Safety

UL 61010

### Environmental Test Compliance

IEC 60068-2-6 Fc (Vibration)

IEC 60068-2-27 Ea (Shock)

FED STD 101C Method 5007.1 (8-port Series)

IEC 60068-2-31 (16-port Series)

(Free fall w/package)

### Industrial

EN 50121-4

## + Power

### Input

9-55VDC (Terminal Block)

### Power Consumption

3.4W max.

### Protection

Reverse Polarity Protection

## + Environmental

### Operating Temp.

-10 to 60°C (14 to 140°F)

### Storage Temp.

-40 to 85°C (-40 to 185°F)

### Relative Humidity

5% to 95% (non-condensing)

## + Warranty

### Length

Limited Lifetime

### Details

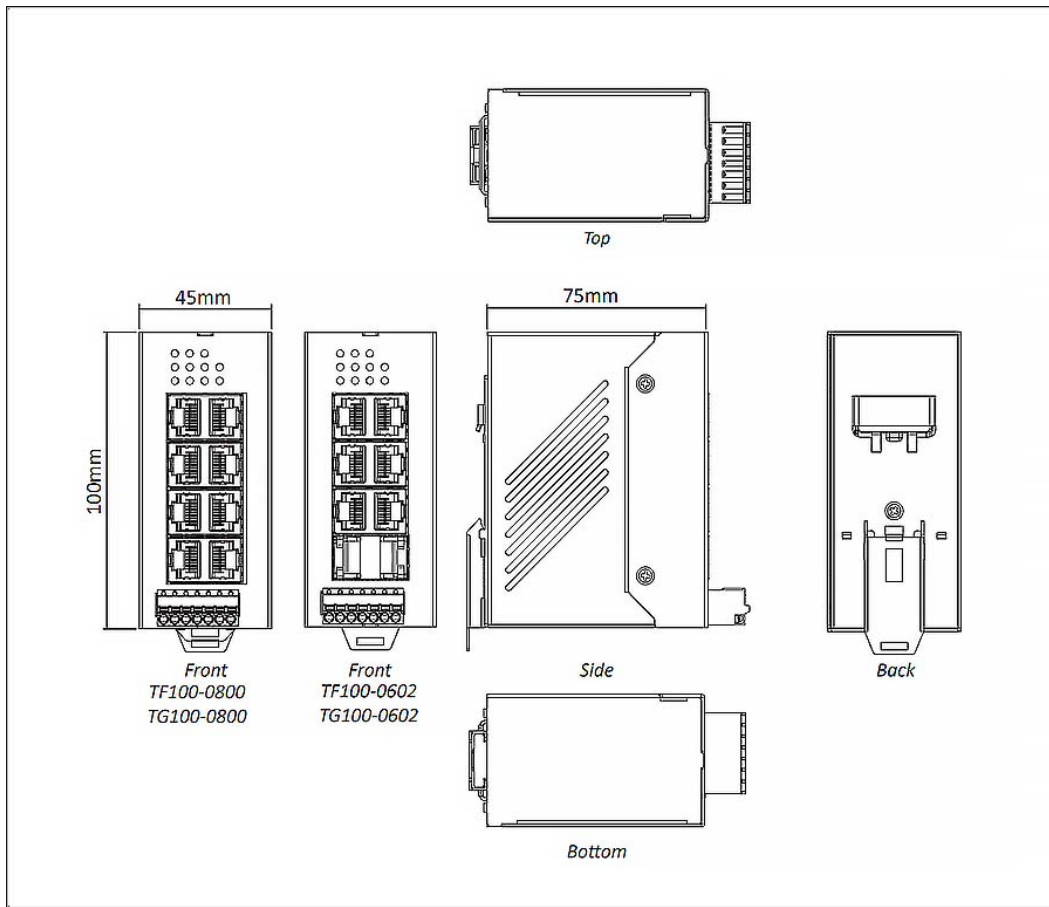
[www.etherwan.com/support/warranty-policy](http://www.etherwan.com/support/warranty-policy)

## + What's Included

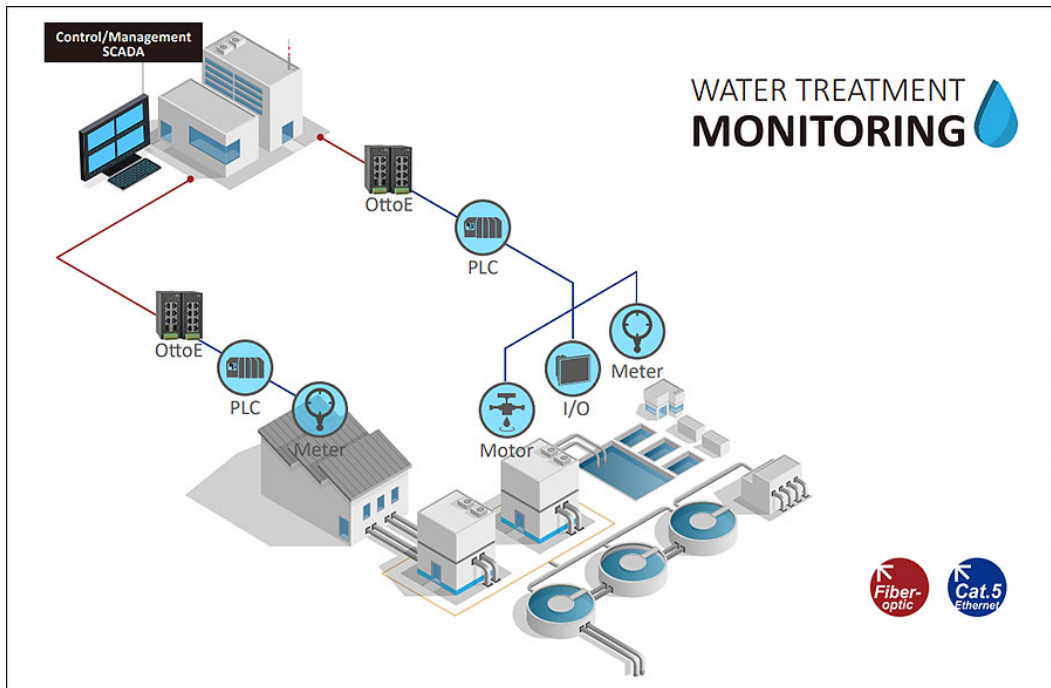
### Device

Ethernet switch

# Dimensions



# Application



## Ordering Info

### + Model

Fast Ethernet Models

<b>TF100-0602</b>	6-port 10/100BASE-TX+2-port 100BASE SFP Industrial Unmanaged Ethernet Switch
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### + Optional Accessories

<b>HDR-30-24</b>	30W/1.5A DIN-Rail 24VDC Hardened Power Supply
<b>HDR-60-24</b>	60W/2.5A DIN-Rail 24VDC Hardened Power Supply

