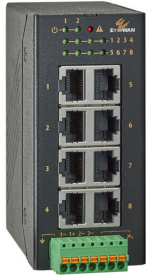


# OttoE TF100-0800

8-port TX FE Ethernet Switches



## Overview

EtherWAN's TF100-0800 is a industrial unmanaged Ethernet switching platform, designed for easy deployment in harsh environments with limited space. The TF100-0800 is an economic easy-to-use device, which provides essential industrial Ethernet networking functionality.

OttoE TF100-0800 supports 9 to 55VDC redundant power input, and also provides relay alarm for power failure. It is equipped with eight Fast Ethernet copper ports for connectivity.

This versatile switch features full/half-duplex auto-negotiation and auto MDI/MDIX operation, allowing for convenient connection of a variety of network devices. QoS (Quality of Service) support allows for traffic prioritization and effective management of resources. A rugged, DIN rail mountable metal housing provides security and easy installation (mounting kit is included).

EtherWAN — "When Connectivity is Crucial."

## Highlight

### + Range of Operating Temperatures

Supports Industrial Grades

### + High Reliability

Fanless design

### + Rugged Design for Critical Environment

Corrosion resistant IP40 design

### + Quality of Service

EtherNet/IP

## Specifications

### + Interface

**Ethernet**

10/100BASE-TX: 8 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

(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.**  
-10 to 60°C (14 to 140°F)

**Relative Humidity**  
5% to 95% (non-condensing)

## + Warranty

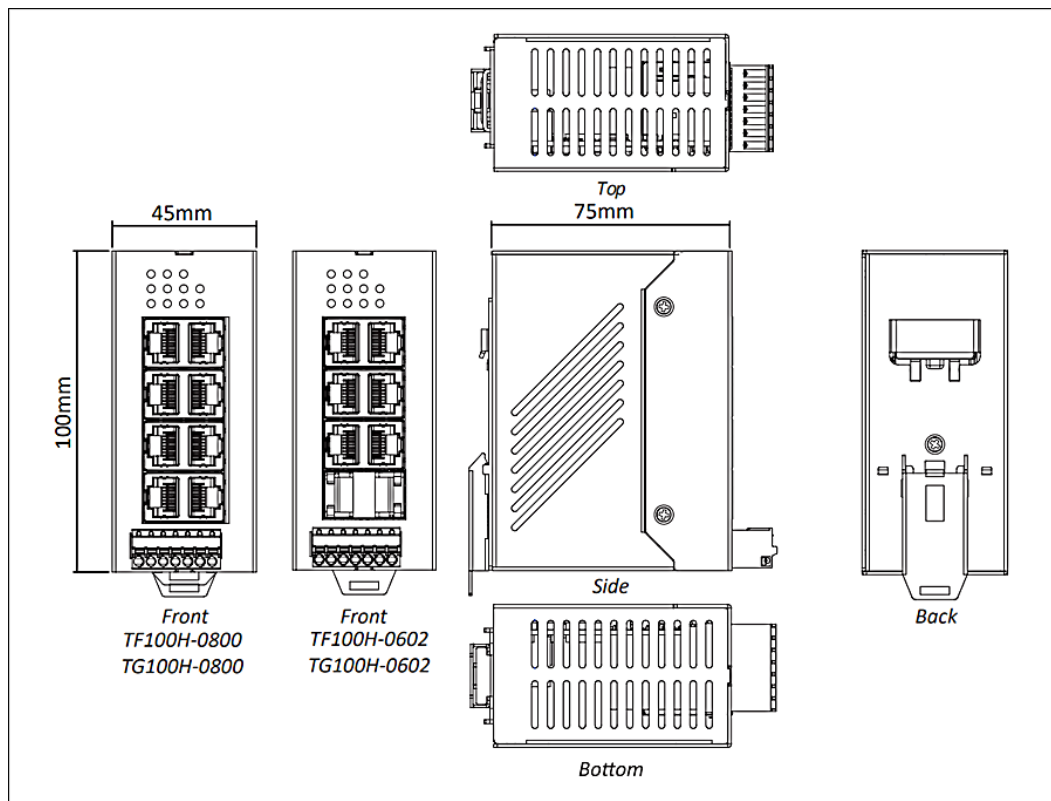
**Length**  
Limited Lifetime

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

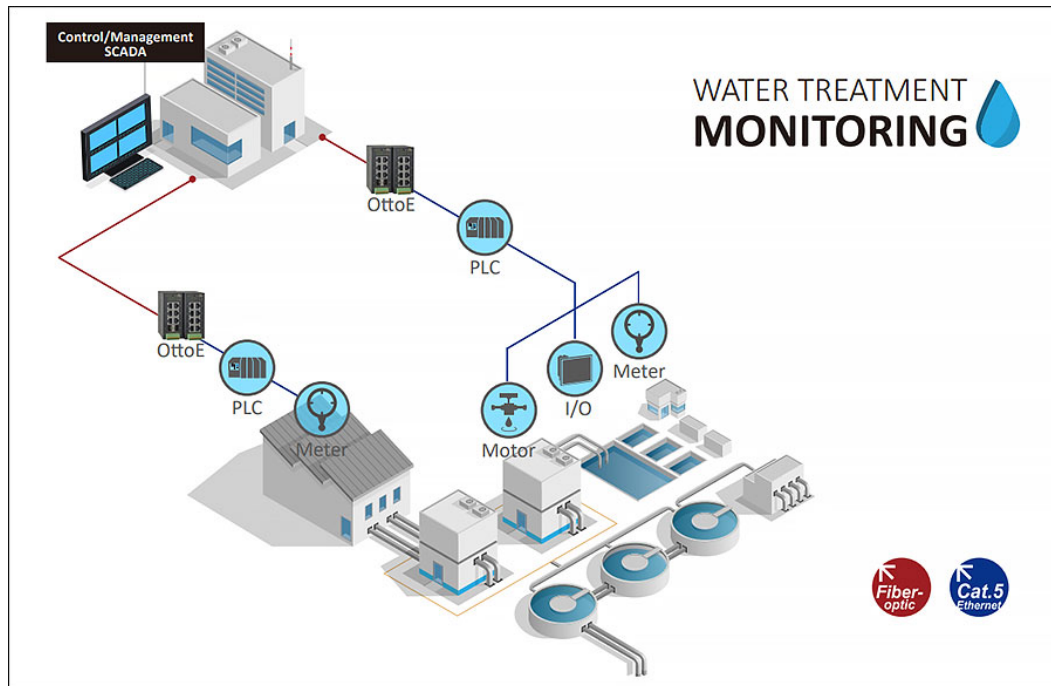
## + What's Included

**Device**  
Ethernet switch

## Dimensions



## Application



## Ordering Info

### + Model

<b>TF100-0800</b>	8-port 10/100BASE-TX Industrial Unmanaged Ethernet Switch
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### + Optional Accessories

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

