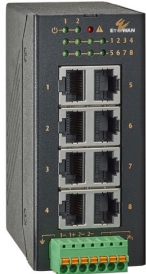


# OttoE TF100-0800

8-port TX FE Ethernet Switches



## Overview

EtherWAN's TF100-0800 is an 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

## + Warranty

### Length

- Limited Lifetime

### Details

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

## + 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)

## + What's Included

### Device

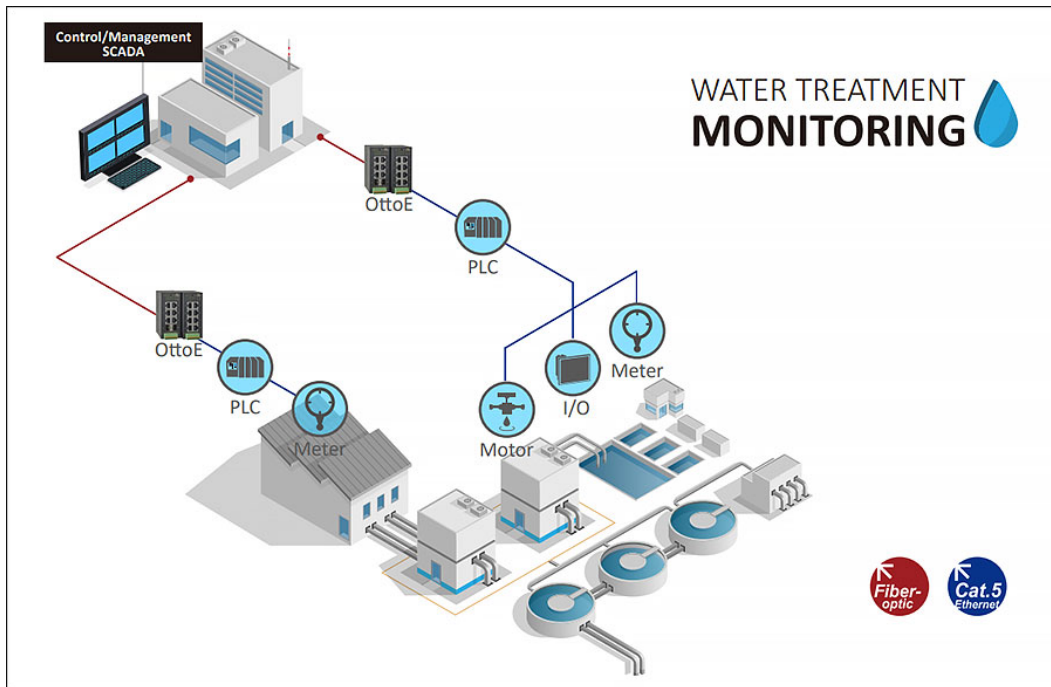
- Ethernet switch

## Dimensions

Hardened grade unmanaged 8 ports Ethernet switch

Image not found or type unknown

## Application



## Ordering Info

### + Model

TF100-0800	8-port 10/100BASE-TX Industrial Unmanaged Ethernet Switch
------------	---

### + Optional Accessories

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



© EtherWAN Systems, Inc. All rights reserved. 20250221

EtherWAN is constantly developing and improving products. Specifications are subject to change without notice and without incurring any obligation.