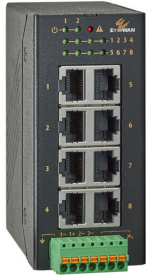


OttoE TF100-0800

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

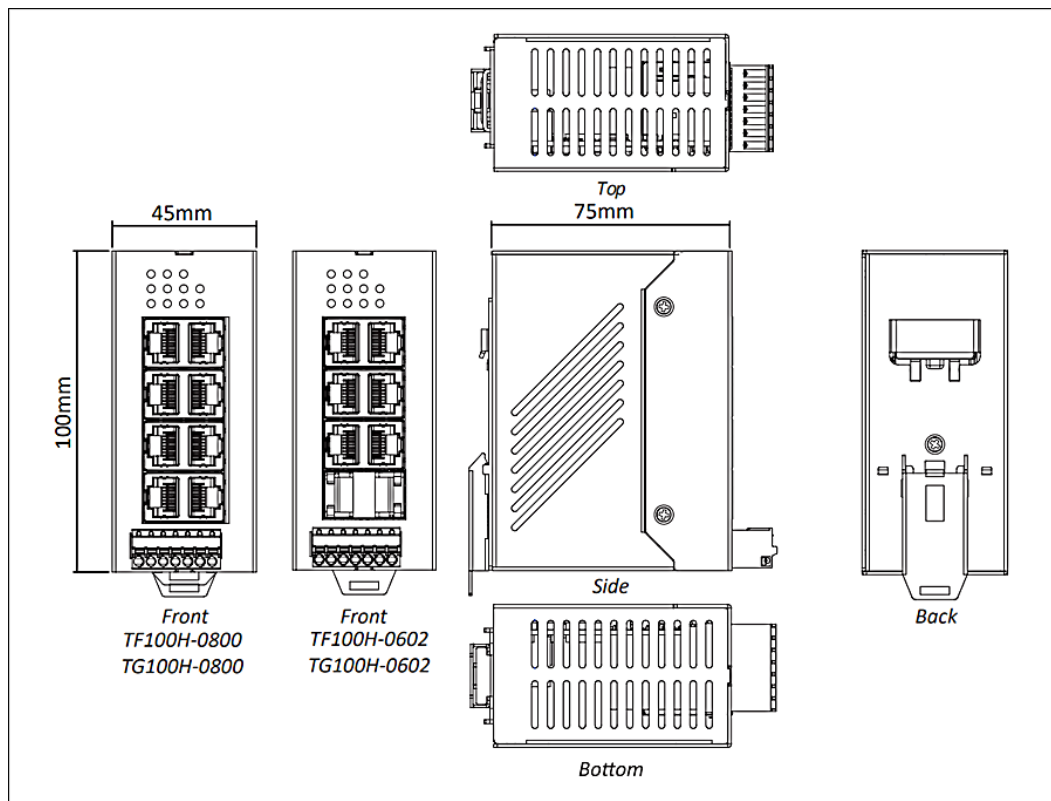
Length
Limited Lifetime

Details
www.etherwan.com/support/warranty-policy

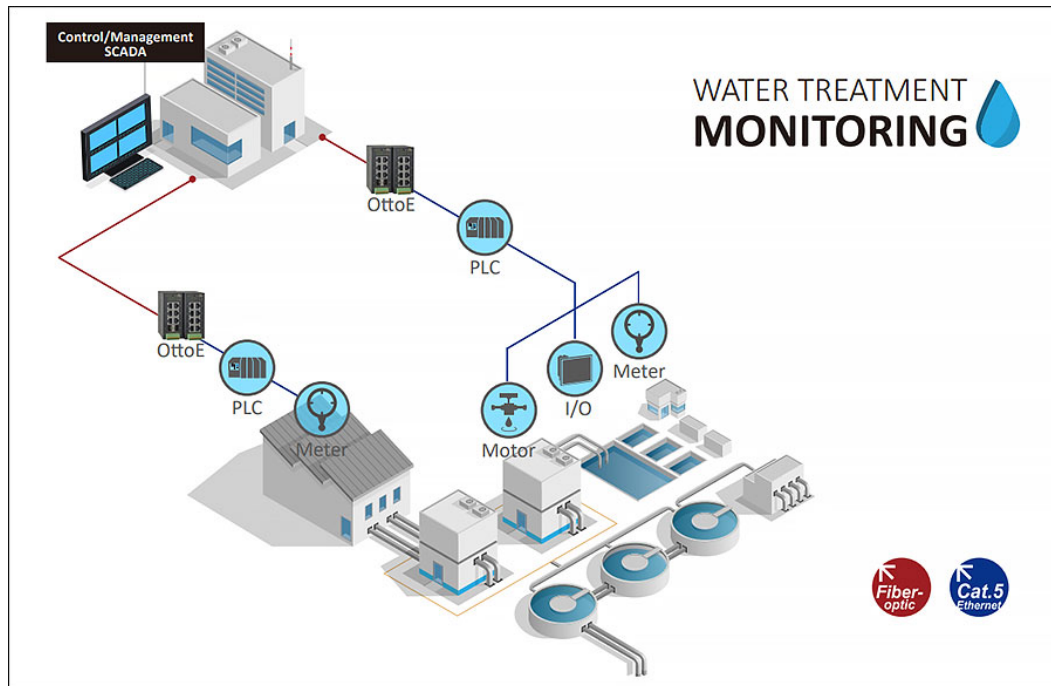
+ What's Included

Device
Ethernet switch

Dimensions



Application



Ordering Info

+ Model

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

