

INS-802 : 8-port 10/100 + 2-Slot 100Base-FX Industrial Switch



Product Introduction & Benefits

VOLKTEK's INS-802 Industrial Switch is an 8-port 10/100Base-TX with Dual 100Base-FX ports (SFP-module is optional) switch delivered in a rugged, hardened case. It has components that are able to withstand a high degree of vibration and shock – and temperatures as high as 70°C. Not an ordinary office switch, the INS-802 Switch is engineered and designed especially for harsh, industrial-type applications. With its hardened case, redundant DC power inputs, fiber-optic uplinks, and high-performance components, the INS-802 is perfectly suited for your industrial automation environment.



Applications:

- Industrial/Factory/Laboratory automation SCADA systems
- Self-service banking systems
- Factory robots and HVAC control systems
- Wafer fabrication systems
- Point of Sale (POS) systems
- Security cameras or other remotely distributed serial devices
- Rugged, hardened case and industrial-grade components able to withstand extreme vibration/shock.

Main Features:

- 8 x 10/100 Mbps ports
- Dual Redundant 100Base-FX ports with SFP-type fiber transceivers
- Rugged, hardened IP30 case
- Vibration/Shock operational
- Dual redundant DC power inputs
- Power Terminal Block
- Wide voltage range: 9~48V
- DIP switch to enable or disable alarm functions
- Power-input polarity protection function
- Under-power & over-power detection function
- Operating temperature: 0°C~70°C

Ordering Information:

INS-802:

8-port 10/100 + 2-Slot 100Base-FX Industrial Switch

FPM-107:

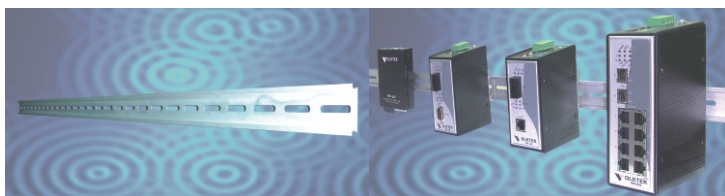
1310nm, 3.3V 100Base-FX Multi-mode SFP Module, 2km

FPM-107-30/60:

1310nm, 3.3V 100Base-FX Single-mode SFP Module, 30/60km

FPM-107-100/120:

1550nm, 3.3V 100Base-FX Single-mode SFP Module, 100/120km



Specifications:

Standards:

IEEE 802.3u 100Base-TX/FX
IEEE 802.3 10Base-T

Ports:

8 x 10/100Base-TX (RJ-45)
2 x 100Base-FX Fiber (SFP)

Wavelength:

1310nm (multi-mode)
1310nm (single-mode)

Max Distances:

RJ-45: 100m (330ft)
Fiber Optic: Up to 120km

Power:

Power input: 9 ~ 48V DC / 1.5 A

Temperature:

Operating: 0°C to 70°C
Storage: -20°C to 80°C

Humidity:

Operating: 10 to 95%RH
Storage: 5 to 95%RH

Compliance:

FCC Part 15 of Class A & CE Approved

Weight:

780g

Dimensions:

120 x 50 x 162 mm (D x W x H)

