


## Product Specification

### 10/100M Unmanaged Industrial Ethernet Switches MINI type (FLD-S-1F2F-IM)

Introduction	Image
<p><i>This industrial media converter FLD-S-1F2F-IM is specially designed for industrial application, which provides fast and stable media conversion between 10/100BaseTX and 100BaseFX. It also meets the requirements of long distance, high speed, and wide broadcast.</i></p> <p><i>With wide range operation temperature, alloy aluminum shell and other excellent industrial-grade design against vibration and shock, it could keep your industrial automation applications running continuously in different harsh environments.</i></p>	

Features & Benefits
❖ 2 10/100Base-T(X) ports and 1 100Base-FX port
❖ -40°C-85°C operating temperature range
❖ Super lightning protection, IP40 protection
❖ Excellent heat elimination without cooling fan

Physical Characteristics
❖ Housing: Aluminum Alloy material with IP40 Protection
❖ Dimension: 98mm(L) X 80mm(W) X 32mm(H)
❖ Weight: 270g
❖ Installation: Din-Rail mounting, Wall mounting

## Switch Properties

- ❖ MAC Table Size: 8K
- ❖ Packet Buffer Size: 1M bit
- ❖ Processing Type: Store and Forward
- ❖ Exchange Properties: 148800pps (100M)

## Interfaces

- ❖ 1 100Base-FX port (SC/ST/FC/LC connectors optional)
- ❖ 2 RJ45 Ports: 10/100Base-T(X) auto negotiation

## Power

- ❖ Input Voltage: 24V DC(18-36VDC) Redundant dual inputs
- ❖ Input Current: <0.5A @24VDC
- ❖ Overload Current Protection: Present
- ❖ Reverse Polarity Protection: Present
- ❖ Redundant Protection: Present

## Environmental Limits

- ❖ Operating Temperature: -40°C-85°C
- ❖ Storage Temperature: -40°C-85°C
- ❖ Ambient Relative Humidity: 5%-95% (non-condensing)

## Standards

- ❖ EMS:
  - EN61000-4-2 (ESD), Level 3
  - EN61000-4-3 (RS), Level 3
  - EN61000-4-4 (EFT), Level 3
  - EN61000-4-5 (Surge), Level 3
  - IEC61000-4-8(100A/m), Level 3
  - IEC61000-4-11, Level 3
- ❖ Shock: IEC 60068-2-27
- ❖ Free Fall: IEC 60068-2-32

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❖	Vibration: IEC 60068-2-6
❖	EMI: FCC CFR47 Part 15, EN55022/CISPR22, Class A
❖	Industry: IEC61000-6-2
❖	Rail: EN50155, EN50121-4
❖	Traffic: NEMA TS-2

## Warranty

5 years

## Contact :

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