PRO-IGMC-SFP

1 10/100/1000Base-TX(RJ-45) to 1 Open SFP Port Industrial Media Converter

Features

- All-aluminum Case, Compact and Fanless Design
- 10/100Mbps or 10/100/1000Mbps Full/Half
- Duplex, Auto-Negotiation and Auto-MDI/MDIX
- Operating Temperature from -40 to 75℃
- Dual Redundant DC9~56V power input
- Support power input polarity protection; no need to worry about reverse connections
- Aluminum shell, fanless design
- Free fall, shock-proof and vibration-proof for industrial use
- Plug and play; no software configuration is needed
- Either DIN rail or Wall Mount installation

Product Description

This is an industrial media converter that converts 1 10/100/1000Base-TX(RJ-45) to 1 Open SFP Port. This provides a cost effective conversion from 10/100/1000Base-TX(RJ-45) to 1000Base-X fiber, while extending the network reach beyond the 100m reach limitation of copper. This industrial grade product includes a terminal block and does not come with a power plug. Our media converters and network interface cards are 100% compliant for all of your networking needs. Now you have a cost effective solution to your network upgrade needs.

Specifications

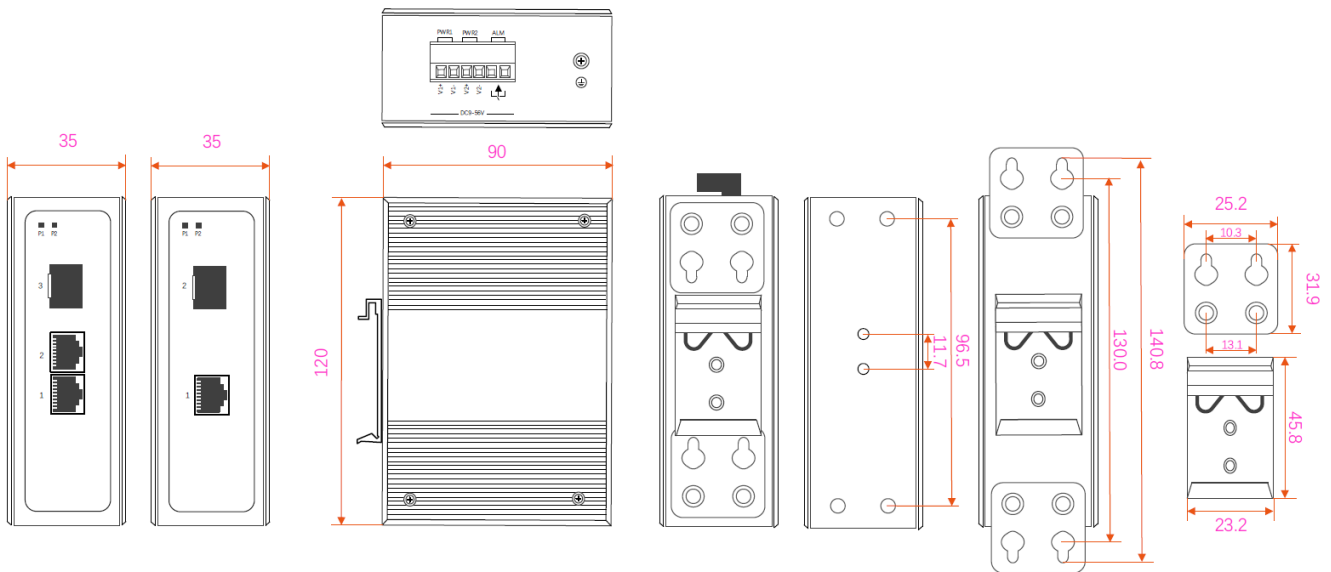| Parameter	Specification
Ethernet Interface	
RJ45 Port	1x10/100/1000Base-TX
Optical Port	1x1000Base-X SFP/1x9
Port Mode (Tx)	Auto Negotiation Speed Full/Half Duplex Mode Auto MDI/MDI-X Connection
Standards	IEEE 802.3 for 10BaseT IEEE 802.3u for 100BaseT(X) and 100BaseFX IEEE 802.3ab for 1000BaseT(X) IEEE 802.3z for 1000BaseSX/LX/LHX/ZX IEEE 802.3x for flow control
Maximum Packet Length	Up to 10K
Forward Filter Rate	14,880pps (10Mbps) 148,800pps (100Mbps) 1,488,000pps (1000Mbps)
Transmission Distance	SFP Port: Depends on optical module(0-160km) RJ45 Port Transmission Distance: 100m (using standard CAT5/CAT5e cable)
Power Supply	
Power Consumption	Single Channel: 2 Watts Max(without PoE load) Dual Channel: 4 watts Max(without PoE load)
Power Inputs	2
Input Voltage	9-56VDC, Redundant dual inputs
Operating Voltage	9-56VDC
Connector	1 removable 6-contact terminal blocks Pin 1/2 for Power 1, Pin 3/4 for Power 2, Pin 5/6 for fault alarm
Protection	Overload Current Protection, Reverse Polarity Protection

LED Specifications

Parameter	State	Description
PWR **(P1&P2)**	On	Power is being supplied.
	Off	Power is not being supplied.
Link/ACT **(1-3)**	On	Port connection is active.
	Blinking	Data transmitted.
	Off	Port connection is not active.

Physical Characteristics

Parameter	Specification
Housing	Aluminum case
IP Rating	IP40
Dimensions	120mm*90mm*35mm
Weight	350g
Operating Temperature	-40℃~75℃ (-40 to 167 ℉)
Storage Temperature	-40℃~85℃ (-40 to 185 ℉)
Operating Humidity	5%~90% (non-condensing)
MTBF	2,573,692 Hours Standard: Telcordia SR-332 GF 30℃

Mechanical Specifications

About Us:

Proline Options is one of North America's leading providers of transceivers and high speed cabling. With a reputation for quality, tested products that cover the connectivity spectrum, Proline Options has a solution for you regardless of the specification.

At Proline Options, every product is tested in its intended application - never batch or spec tested only. We run bandwidth, distance and IOS network tests. We have documented an impressive 0.03% failure rate over the last 10 years. To continue this rate of success we invest millions annually in our own on-site testing lab.

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