

8-port Gigabit rugged Industrial Switch

FNS100-08-AGB-8P-M12-A-IP65

Introduction

FNS100-08-AGB-8P-M12-A-IP65 is a rugged Industrial PoE switch with M12 connector, it is specially used in Vehicles, airlines, automation Industry etc. which requires to experience vibration and shocks. The switch meets CE, FCC, Rohs standard, IP65 protection, with working temperature from -40℃ to 75℃ . it provides to user more safety, reliable solution on vehicles.

Features

- M12 interface, gigabit port is M12 X-coded type
- Wall-mounted installation
- Support full duplex or half duplex mode, and with automatic negotiation capability
- The network port supports automatic cross recognition

Store and forward, support a variety of protocols

- In line with industrial operating standards, the average trouble-free work is more than 300,000 hours
- Power supply: PoE type DC 48-57V
- Power Socket: M12(Male), 5-Pin A coded

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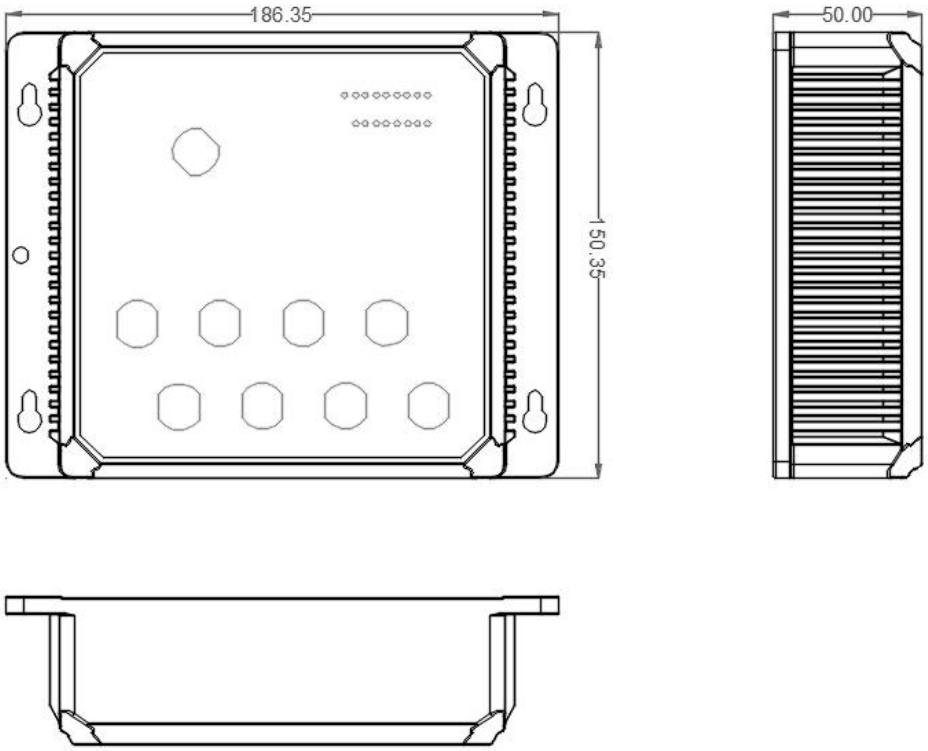
Production Specification

Model No.	**FNS100-08-AGB-8P-M12-A-IP65**
Description	8-port Gigabit rugged Industrial Switch
Ethernet Port	8 port M12 X-coded 8-pin(F)
Power Connector	M12 A-coded 5-pin(F)
Performance Specification	Bandwidth: 20Gbps Packet Buffer Memory:2Mbit Packet Forwarding Rate:15Mpps MAC Address Table: 8K
PoE Specification	PoE Standard: IEEE802.3af/ IEEE802.3at PoE ports:1-8 port support PoE Power Output: Max. 15.4 watts (IEEE 802.3af) Max. 30 watts (IEEE 802.3at) PoE port Auto detect AF/AT devices Output Voltage: DC48V Power Pin Assignment:1/2+;3/6- Power Type: End-span(Mid-span optional)
Installation	Wall mounted
Flow Control	Back pressure for half duplex, IEEE 802.3x pause frame for full duplex
Enclosure	IP65 aluminum housing
LED Indicator	Power: PWR Ethernet: Green(Link/Act) POE: Yellow
Power Input	12 to 52V DC input

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Power Consumption	<10 watts(exclude PoE)
Network Protocols	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u;100Base-TX/FX; IEEE802.3ab 1000Base-T; IEEE802.3z 1000Base-X; IEEE802.3x;
Network cables	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or later UTP(≤10meter) 1000BASE-TX: Cat6 or later UTP(≤100 meter)
Industry Standard	EMI：FCC Part 15，CISPR (EN55032) class A 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 EN61000-4-6 (CS)，Level 3 EN61000-4-8，Level 4 Impact: IEC60068-2-27 Free fall：IEC 60068-2-32 Shock：IEC60068-2-6
Dimensions (W x D x H)	186*150*50mm
Weight	Product Weight: 0.65KG, Packing Weight: 0.75KG
Working Environment	Working temperature: -40～75℃ ; Storage temperature: -40～85℃ Relative Humidity: 5%~95 %(no condensation)

Dimensions:



Order Information

Model	Description
FNS100-08-AGB-8P-M12-A-IP65	8-port Gigabit rugged Industrial PoE Switch, IP65