

## 8-port Gigabit rugged Industrial Switch

FNS100-08-AGB-8P-SC-A



### Introduction

FNS100-08-AGB-8P-SC-A 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. IP50 protection, with working temperature from - 40 ° C to 75 ° C . 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: Non-POE type DC 12-52V, PoE type DC 48-57V

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### Production Specification

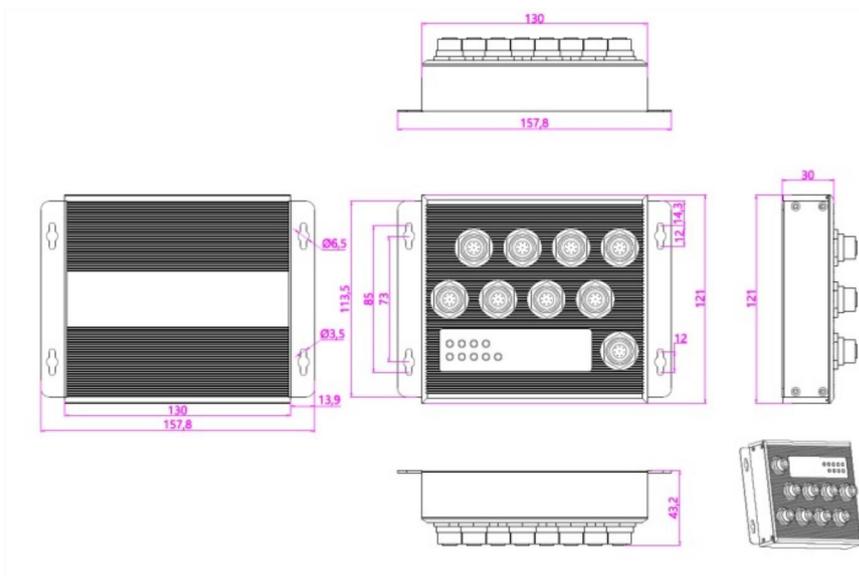
Model No.	<b>FNS100-08-AGB-8P-SC-A</b>
Description	8-port Gigabit rugged Industrial Switch
Performance Specification	Bandwidth: 20Gbps Packet Buffer Memory:2Mbit Packet Forwarding Rate:15Mpps MAC Address Table: 4K
Installation	Wall mounted
Flow Control	Back pressure for half duplex, IEEE 802.3x pause frame for full duplex
Enclosure	IP50 aluminum housing
LED Indicator	Power: Red Ethernet: Yellow POE: Green
Power Input	12 to 52V DC redundant power
Power Consumption	<10 watts
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)

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## FNS100-08-AGB-8P-SC-A

Industry Standard	<p>FCC CFR47 Part 15,EN55022/CISPR22, Class A</p> <p>IEC61000-4-2 (ESD): <math>\pm 6\text{kV}</math> (contact), <math>\pm 8\text{kV}</math> (air)</p> <p>IEC61000-4-3 (RS): 10V/m (80~1000MHz)</p> <p>IEC61000-4-4 (EFT): Power Port: <math>\pm 2\text{kV}</math>; Data Port: <math>\pm 1\text{kV}</math></p> <p>IEC61000-4-5 (Surge): Power Port: <math>\pm 1\text{kV/DM}</math>, <math>\pm 2\text{kV/CM}</math>; Data Port: <math>\pm 1\text{kV}</math></p> <p>IEC61000-4-6 (CS): 3V (10kHz-150kHz); 10V (150kHz-80MHz)</p> <p>IEC61000-4-16 (Common mode conduction): 30V (cont.), 300V (1s)</p>
Certification	CE FCC Rohs compliance
MTBF	>300,000hours
Dimensions (W x D x H)	157.8 x 121 x 43.2 mm
Weight	<p>Product Weight: 0.65KG</p> <p>Packing Weight: 0.75KG</p>
Working Environment	<p>Working temperature: <math>-40\sim 75^{\circ}\text{C}</math> ;</p> <p>Storage temperature: <math>-40\sim 85^{\circ}\text{C}</math></p> <p>Relative Humidity: 5%~95 % ( no condensation)</p>

## Dimensions



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### Order Information

Model	Description
FNS100-08-AGB-8P-SC-A	8-port Gigabit rugged Industrial PoE Switch IP50, DC48~57