

NE10006-004111

IP68 5*1FE Copper Unmanaged PoE+ Industrial Switch



Product Features

- 5*10/100BaseT(X) M12 copper ports , 4-core M12 (D-coded). Full-duplex/half-duplex mode and MDI/MDI-X adaptive connection
- IP68 protection level
- Inbuilt with voltage booster, can support standard PoE/PoE+, total PoE budget is Max Power 48W@DC12V or 96W@DC24V , allow 2 pieces of NE10006-004111 12/24V in series connection if the input is DC12V, 4 in series connection if the input is DC24V, the connection number of PDs is decided by power consumption of the PDs

Product Overview

The NE10006-004111 12/24V series IP68-rated industrial Ethernet switches are designed for harsh industrial applications. Tightly connecting the switch with a secure M12 connector ensures stable operation of network devices without worrying about problems caused by external interference, such as vibration and shock common in the transportation industry.

Product Specifications

Series	NE10006-004111 12/24V
Ports	1 * 10/100 Base-T(X) M12 D coded male copper uplink Ethernet ports 4 * 10/100 Base-T(X) M12 D coded female copper downlink Ethernet ports Automatic detection, full/half duplex MDI/MDI-X self adaptive
	1 * M12 A coded male power input port
Ethernet Standards	IEEE 802.3: 10Base-T Ethernet; IEEE 802.3u: 100Base-TX Fast Ethernet; IEEE 802.3x: Flow Control
Compliance	EN50155
MTBF	300,000 hours
Warranty	3 years

Industry Standards	EMI	CISPR 32, FCC Part 15B Class A
	EMC	EN 55032/24
	EMS	IEC(EN)61000-4-2(ESD): ± 6kV touch discharge, ± 8kV air discharge
		IEC(EN)61000-4-3(RS): 20V/m(80~1000MHz)
		IEC(EN)61000-4-4(EFT) : power cable: ±2kV Data cable: ±2kV;
		IEC(EN)61000-4-5(Surge) : power cable: ±2kV; Data cable: ±2kV ;
		IEC(EN)61000-4-6(Radio frequency conduction) : 3V(10kHz~150kHz), 10V(150kHz~80MHz)
	IEC(EN)61000-4-8 PFMF	
	Shock	IEC 60068-2-27
Free Fall	IEC 60068-2-32	
Vibration	IEC 60068-2-64	
Power Consumption	<5W	
Working Temperature		
Working Temperature	-40~85°C(-40~185°F)	
Storage Temperature	-40~85°C(-40~185°F)	
Relative Humidity	5%~95% without condensation	
PoE Features		
PoE Standards	IEEE802.3af/ IEEE802.3at	
PoE Ports	5 ports supports PoE/PoE+, automatically detects the standards of devices like IEEE802.3af or IEEE802.3at	
Output Power	IEEE 802.3af: max. 15.4W/port	
	IEEE 802.3at: max. 30W/port	
	Max. total output power for PD: 48W@DC12V input (normal room temp.) 96W@DC24V input(normal room temp.)	
POE Priority	When power >max. Power(different input has a max. Power in accordance with that input), POE priority: port No.1>port No.2>port No.3 and so on	
Power Parameters		
Input Voltage	DC12~24V	
Mechanical Features		
Shell	IP68, aluminum enclosure	
Installation Method	Wall mounted	
Cooling Method	Natural cooling, fanless	
Size	65 x 121 x 29.5mm	
LED Indication		
Power Indicator	PWR	
Interface Indicator	Copper ports(Link/ACT)	

Mechanical Diagram

Size: 65 x 121 x 29.5mm

