

SPM-E(1X)T4X-NXXST

1 Fiber to X UTP 10/100Mbps Industrial Fiber Media Converter



Key Features

- 1~4 x 10/100Mbps Auto-sensing RJ45 ports
- 1 x 100Mbps fiber port
- 4 KV Ethernet surge protection, adapt to a harsh outdoor environment
- Support Auto MDI/MDIX
- Flow control mode: full duplex with IEEE 802.3x standard, half-duplex with Back pressure standard
- IEEE 802.3 10Base-T and IEEE 802.3u 100Base-TX compliant
- A store-and-forward switching mechanism
- Operating environment temperature:-40 ° ~ 85 ° c

Introduction

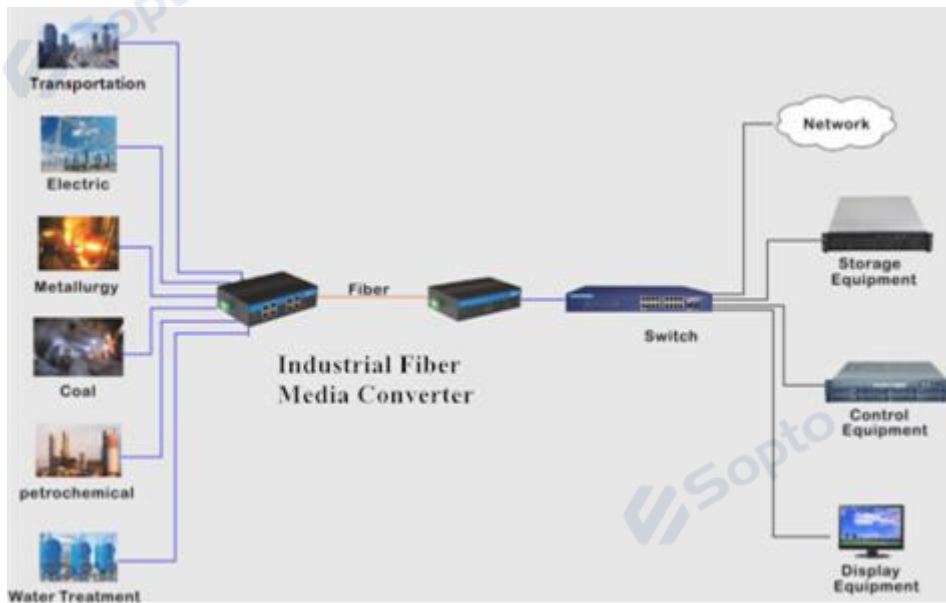
SPM-E(1x)T4X-NXXST is the 10/100 Mbps industrial fiber media converter, which can also be called industrial fiber switch, operating temperature -40°C to $+85^{\circ}\text{C}$, support wide voltage dual power input, meet IP40 protection degree and EMC industrial grade requirements, DIN rail installation, pass through dangerous environmental certification and comply with FCC and CE standards. The reliable industrial grade design could ensure continuous and stable operation of the automation system.

Specification

Product Name	10/100Mbps Industrial Fiber Media Converter (1 Fiber + X UTP)
Model No.	SPM-E(1X)T4X-NXXST
Port	1 x 100Mbps fiber port SM: 1310nm/1550nm, 20Km 1490nm/1550nm, 40~120Km MM: 1310nm, 2Km 1~4 x10/100M UTP RJ45 (Support MDI/MDIX auto-sensing)
Switching features	Transmission mode: storage and forward System bandwidth: 1 Fiber port + 1 UTP: 1Gbps; 1 Fiber port +2 UTPs: 1.5Gbp; 1 Fiber port +4 UTPs: 2.5Gbps; (non-traffic jam)
Network media	10BASE-T: CAT3, CAT4, CAT5 unshielded twisted pair($\leq 100\text{m}$) 100BASE-TX: CAT5 or above shielded twisted pair($\leq 100\text{m}$) Fiber port, transmission distance: 20Km, 40Km, 60Km, 80Km, 100Km
LEDs	Power, network, fiber
Power supply	Input voltage: DC 12-36V No-load power: 5W Reverse connection: support
Environment	Working temperature: $-40^{\circ} \sim 85^{\circ}\text{C}$ Storage temperature: $-40^{\circ} \sim 85^{\circ}\text{C}$ Working humidity: 10%~90%, non-condensing Storage humidity: 10%~95%, non-condensing
Industry Standards	EMI: FCC Part 15 Subpart B Class A, EN 55022 Class A EMS: EN 61000-4-2 (ESD) Level 3, EN 61000-4-3 (RS) Level 3, EN 61000-4-4 (EFT) Level 3, EN 61000-4-5 (Surge) Level 3, EN 61000-4-6 (CS) Level 3, EN 61000-4-8 Traffic Control: NEMA-TS2 Vibration: IEC 60068-2-6 Freefall: IEC 60068-2-32 Shock: IEC 60068-2-27 Rail Traffic: EN 50121-4
Safety	CE Mark ,commercial CE/LVD EN60950

Mechanical information	Shell: Corrugated metal shell Safety class: IP40 Dimension: 114.8 x 114 x 60mm(1 or 2 x 10/100M UTP RJ45) 158 x 114.8 x 60mm(4 x 10/100M UTP RJ45) Mounting method: Din-rail mounting
Warranty	Replacement within 1year; 5 years repairing

Application



Ordering information

PN	Description
SPM-ET43-N02ST	10/100M Industrial Media Converter 1*10/100Base-Tx to 1*100Base-Fx dual fiber 1310nm MM 2km
SPM-ET43-N20ST	10/100M Industrial Media Converter 1*10/100Base-Tx to 1*100Base-Fx dual fiber 1310nm 20km
SPM-E12T43-N20ST	10/100M Industrial Media Converter 2*10/100Base-Tx to 1*100Base-Fx dual fiber 1310nm 20km
SPM-E14T43-N20ST	10/100M Industrial Media Converter 4*10/100Base-Tx to 1*100Base-Fx dual fiber 1310nm 20km
SPM-ET453-N20ST	10/100M Industrial Media Converter 1*10/100Base-Tx to 1*100Base-Fx Single fiber 1550nm Tx/1310nm Rx 20km
SPM-ET435-N20ST	10/100M Industrial Media Converter 1*10/100Base-Tx to 1*100Base-Fx Single fiber 1310nm Tx/1550nm Rx 20km

E-mail: info@sopto.com.cn

Web : <http://www.sopto.com.cn>