



## 2-Port IP67 Serial Server

■ ■ SE8502-M12

- 15KV ESD protection for serial signals
- 10/100 Mbps Fast Ethernet full duplex auto negotiation
- Support multiple link mode with TCP server/client, UDP and Virtual COM mode
- Monitor, manage and control industrial field devices remotely
- Configuration: Built-in Web Server /Serial Console/ Telnet
- Windows-based utility for IP configuration
- Firmware upgrade remotely via Ethernet
- Rigid aluminum case design compliant with IP67 standard
- Wide temperature range : -40°C ~ 75°C
- Wall mounting

SE8502-M12 is an Industrial 2-port IP67 Serial Server, offering waterproof, dustproof, and vibration-resistant.

There is a strong demand for reliable and rugged networking solutions, that can be used for the industrial workplace in harsh environmental conditions, such as high levels of moisture, dust, heat, electrical interference, and vibration. SE8502-M12 is a device that has IP67-rated housing and M12 metal connectors. It also provides a wide operating temperature range from -40°C ~ 75°C.

SE8502-M12 supports multiple link mode with TCP server/client, UDP and VirtualCOM, that can be configured by Windows-based utility. In addition, M12 connectors secure a firmly connecting, and prevent loose from vibrating condition, such as in moving vehicles.

# 2-Port IP67 Serial Server

SE8502-M12

## Specifications

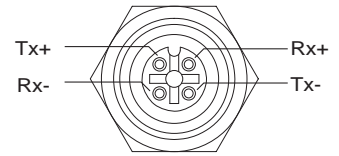
<b>CPU</b>	MPC5200B-400 32-bit Embedded CPU
<b>Flash Memory</b>	16 MBytes
<b>SDRAM</b>	128 MBytes
<b>EEPROM</b>	2 KBytes
<b>Network Interface</b>	10/100 Mbps Fast Ethernet
<b>Network Connector</b>	M12
<b>Network Protocol</b>	TCP/IP, UDP, HTTP, SNMP, ARP, Telnet, ICMP, BOOTP, DHCP
<b>Serial Interface</b>	RS-232/422/485 (software selectable)
<b>Serial Connector</b>	M12
<b>Serial Communication</b>	Data Rate: 1200 bps~230 Kbps Characters: 7 or 8 data bits Parity: None, Even, Odd, Mark, Space Stop Bits: 1 or 2 Flow Control: Xon/Xoff, RTS/CTS
<b>Dimension</b>	79mm x 24.2mm x 144mm (WxHxD)
<b>Casing</b>	IP-67 protection
<b>Power Requirements</b>	9~30VDC, 1A in 5-pin M12(A-coded) connector
<b>LED Indicator</b>	LAN, RUN and COM
<b>Temperature</b>	Operation: -40°C ~75°C Storage : -40°C~85°C
<b>Humidity</b>	5%~95% Non-condensing
<b>Software</b>	Windows-based configuration utility, Virtual COM software
<b>Configuration</b>	Web, Telnet, Serial Console and Windows-based configuration utility

## Ordering Information

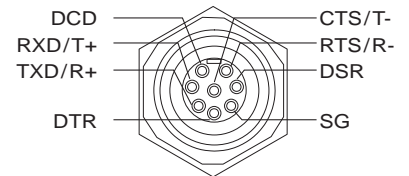
<b>SE8502-M12</b>	2-port IP67 Serial Server
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## Connector Pin Assignments

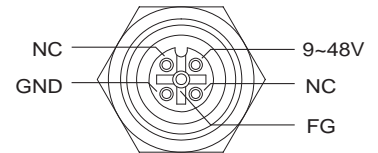
### LAN Port Pin Assignment



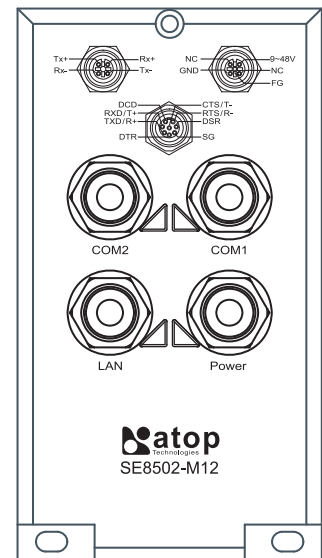
### Selectable Serial Port Pin Assignment



### Power Port Pin Assignment



## Front Panel



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