

Specification **FEP-6301IN-M**

IEEE Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.3u 100Base-FX Fast Ethernet IEEE 802.3x Flow Control and Back Pressure
Data Processing	Store and Forward
Flow Control	IEEE 802.3x Flow Control and Back Pressure
Jumbo Frame	9KB
Architecture	Full wire speed conversion. Transparent conversion to 802.1Q VLAN tagged packets
Network Connector	1 x RJ-45 10/100BaseT(X) Auto negotiation Auto MDI/MDI-X function, Full/Half duplex 1 x 100M SC Multi-Mode 2km
LED Indicators	PWR(Green): ON - Power is detected LK/Act (Green): ON - Fiber is detected Flashing - Data is transmitting/receiving
	RJ-45 port Green: ON - TX link is detected Flashing - TX data is transmitting/receiving Amber: ON - 100M speed is detected OFF - 10M speed is detected
DIP Switch	DIP1: UP - LFP enable DOWN - LFP disable (Default) LFP (Link Fault Pass Through) DIP2: UP - Converter Mode DOWN - Switch Mode (Default)
Power Protection	Surge protection diodes on power input
Connector Protection	ESD protection diodes on TX port
Reserve Polarity Protection	Present
Overload Current Protection	Present
Power Input	18V-36VAC, 12V-60VDC DC Jack terminal cable supported (DC Barrel Connector)
Conformance to UL Standards	Use Isolated power supply to conform with UL 508 standard
Power Consumption	Full Load: 1.92Watts at 48VDC
Removable Terminal Block	3 pin contact terminal block for power input Wire range: 0.34mm ² to 2.5mm ² Solid wire (AWG):12-24/14-22 Stranded wire (AWG): 12-24/14-22 Torque:5lb-In/0.5Nm/0.56Nm Wire Strip length: 7-8mm

Operating Temperature	-40°C ~ 75°C
Operating Humidity	5% to 95% (Non-condensing)
Storage Temperature	-40°C ~ 85°C
Housing Design	IP40 Design, high graded Aluminum
Case Dimension (L x W x D)	59 x 36 x 50 mm (L x W x D)
Installation	DIN-Rail mounted, Panel mounted
Certifications	
Safety	LVD (EN62368-1)
EMC/EMS	CE, FCC, EN55032/24, VCCI
EMI	FCC Part 15 Subpart B Class A
Vibration	EN 60068-2-6
Shock	EN 60068-2-27
Free Fall	EN 60068-2-32