

GEP-75052GFIN

Specification

IEEE Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.3ab 1000Base-T Gigabit Ethernet IEEE 802.3z 1000Base-X Gigabit Ethernet IEEE802.3x Flow Control and Back Pressure
Switch Architecture	Back-plane (Switching Fabric): 12Gbps
Data Processing	Store and Forward
Flow Control	IEEE 802.3x Flow Control and Back Pressure
Jumbo Frame	9KB
MAC Address Table Size	1K
Packet Buffer Size	1M
Network Connector	5 x RJ-45 10/100/1000BaseT(X) auto negotiation, Auto MDI/MDI-X function, Full/Half duplex 2 x SFP 100/1000M BaseX
Network Cable	UTP/STP Cat.5e or above Cable
	EIA/TIA-568 10-ohm (100m)
	Fiber Cable (Multi-mode):50/125um,62.5/125um
	Fiber Cable (Single-mode): 9/125um
Protocol	CSMA/CD
LED	PW1 (Green): ON – Power is detected PW2 (Green): ON – Power is detected PW3 (Amber): ON – Power is detected RLY (Amber): ON – Only PW1 or PW2 is connected OFF – Both PW1 and PW2 are connected
	TX/RJ-45 port: LNK (Green): ON – TX port is detected Flashing – TX data is transmitting/receiving
	SFP port (Green): ON – SFP port is detected Flashing – SFP data is transmitting/receiving
DIP Switch	DIP 1:F5 – Port 5 SFP (Default) T5 – Port 5 TX DIP 2: 1000M – SFP Speed 1000M (Default)

	100M – SFP Speed 100M
Reserve Polarity Protection	Present
Overload Current Protection	Present
Power Supply	Redundant Dual DC 12V-56V Power Input
Power Consumption	5.76W@48 VDC full load
Alarm Relay Contact	Relay outputs with current carrying capacity of 1 A @24VDC, Relay in “open” circuit mode when PW1 and PW2 are connected. in “short” circuit mode when only one power supply is connected
Removable Terminal Block	Provide 2 Redundant power, Alarm relay contact, 6 Pin. And circular POWER DIN for power adapter 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 to 75°C
Operating Humidity	5% to 95% (Non-condensing)
Storage Temperature	-40°C to 85°C
MTBF (mean time between failure)	>500,000 hrs (MIL-HDBK-217F) at 25°C
Housing	Rugged Metal ,IP30 Protection
Case Dimension	142 x 43 x 105 mm (LxWxD)
Installation	DIN Rail and Wall Mount options included
Certifications	
Safety	UL60950-1
Safety	IEC EN62368-1
EMC/EMS	CE, FCC, EN55032/24,VCCI
EMI	FCC Part 15 Subpart B Class A
EN 60068-2-6	Vibration
EN 60068-2-27	Shock
EN 60068-2-32	Free Fall