

ES-0800G-M12

8 Port M12 Industrial Unmanaged Gigabit Ethernet Switch



- Compliant with EN50155
- 8x 10/100/1000T(x) M12 connector
- Support Bypass function for non-stop communication even when no power exists
- Built for harsh environments and wide temperature range application
- IP40/IP54(Optional) housing



Specifications

Technology

Standards	IEEE 802.3 10BaseT
	IEEE 802.3u 100BaseTX
	IEEE 802.3ab 1000BaseT

Processing Type	Store and Forward
-----------------	-------------------

Switch Properties

Switch Fabric	16Gbps
---------------	--------

MAC Table Size	8K
----------------	----

Packet Buffer	4Mbits
---------------	--------

Interface

Network Connector	8x 10/100/1000T(x) M12 Female X-coded 8-pole, auto negotiation speed duplex mode, auto MDI/MDI-X
-------------------	--

LED Indicators	Per unit: PWR1, PWR2 Ports: Link/Active
----------------	--

Power Requirements

Operation Voltage	LV: 12-48VDC, HV: 72-110VDC, redundant dual inputs
-------------------	--

Connection	M12 Male S-coded 4-pole
------------	-------------------------

Power Consumption	15W
-------------------	-----

Protection	Overload Current Protected, Reverse Polarity Protected
------------	--

Mechanical Construction

Enclosure	SECC
-----------	------

Protection Class	IP40/IP54(Optional)
------------------	---------------------

Dimensions	181x99x94 mm (WxHxD)
------------	----------------------

Weight	1.20 kg
--------	---------

Mounting	Wall Mounting Kits, Optional DIN-Rail Mounting
----------	--

Environmental Limits

Operating Temperature	Extended: -40°C ~ 75°C (-40°F ~ 167°F)
-----------------------	--

Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)
---------------------	------------------------------

Ambient Relative Humidity	5 to 95%, (Non-Condensing)
---------------------------	----------------------------

Regulatory Approvals

EMI	FCC Part 15 Subpart B Class A CE EN 55032 Class A
-----	--

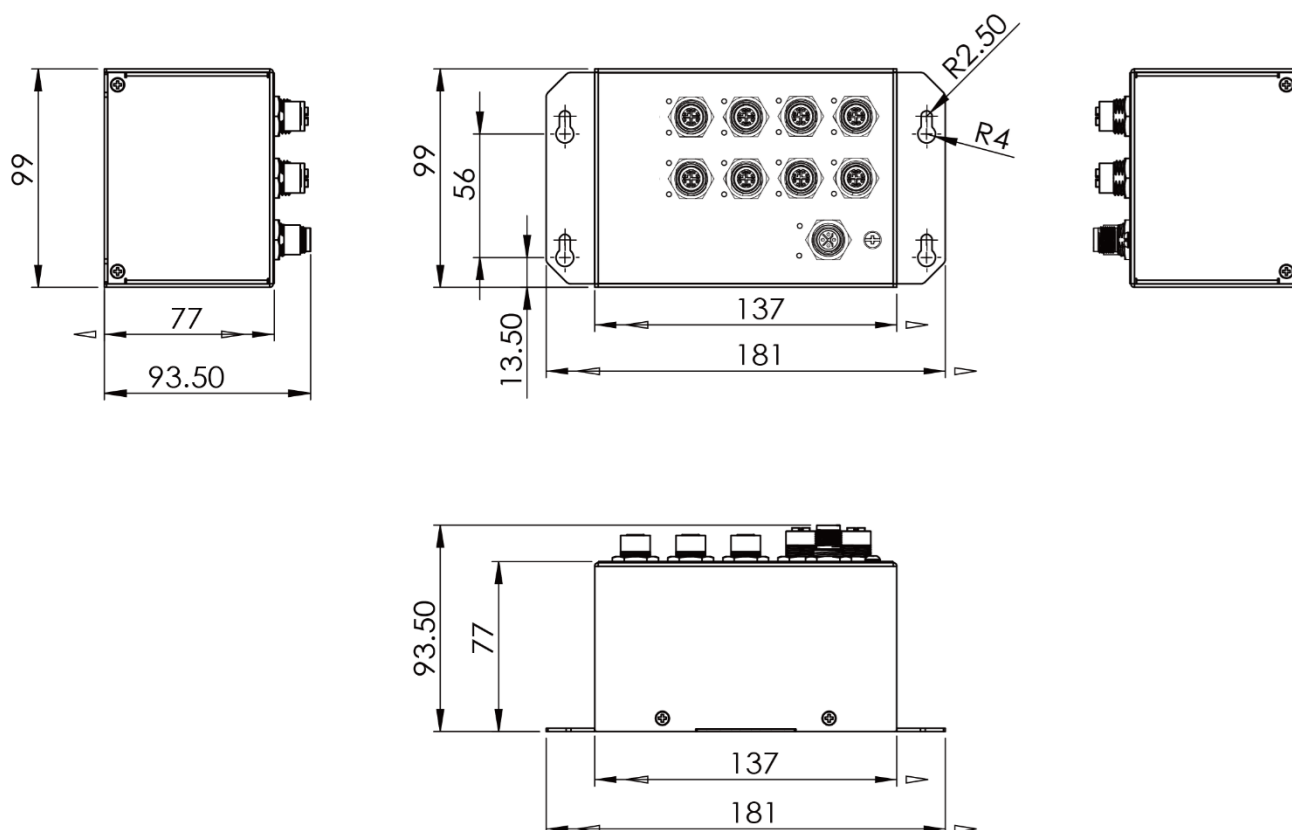
EMS	IEC61000-4-2 (ESD) IEC61000-4-3 (RS) IEC61000-4-4 (EFT) IEC61000-4-5 (Surge) IEC61000-4-6 (CS) IEC61000-4-8 (Magnetic Field)
-----	---

Free Fall	IEC60068-2-32
-----------	---------------

Shock	IEC61373
Vibration	IEC61373
Green	RoHS Compliant
Certifications	EN 50155

MTBF	EN 45545-2
Warranty	>100,000 hours
	5 Years

Dimensions (unit = mm)



Ordering Information

ES-0800G-M12-LVU-T	8 Port M12 Industrial Unmanaged Gigabit Ethernet Switch - 8x 10/100/1000T(x) M12 connector - Power Input: 12-48VDC - - Operating Temperature: -40°C ~ 75°C (-40°F ~ 167°F) - Protection Class: IP40
ES-0800G-M12-LVU-WT	8 Port M12 Industrial Unmanaged Gigabit Ethernet Switch - 8x 10/100/1000T(x) M12 connector - Power Input: 12-48VDC - - Operating Temperature: -40°C ~ 75°C (-40°F ~ 167°F) - Protection Class: IP54
ES-0800G-M12-HVU-T	8 Port M12 Industrial Unmanaged Gigabit Ethernet Switch - 8x 10/100/1000T(x) M12 connector - Power Input: 72-110VDC - Operating Temperature: -40°C ~ 75°C (-40°F ~ 167°F) - Protection Class: IP40
ES-0800G-M12-HVU-WT	8 Port M12 Industrial Unmanaged Gigabit Ethernet Switch - 8x 10/100/1000T(x) M12 connector - Power Input: 72-110VDC - Operating Temperature: -40°C ~ 75°C (-40°F ~ 167°F) - Protection Class: IP54