

dametric 

GIR-SW2



GMS Industrial Router Switch

Description

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1 General

The GIR-SW2 unmanaged industrial fast Ethernet switch is specifically designed to suit your heavy industrial environments. The unit provides five galvanically isolated 10/100Base-TX ports in a rugged, hardened case. The components are able to withstand a high degree of vibration and shock and an operating temperature. Not an ordinary industrial switch, the unit is engineered and designed especially for harsh and extreme industrial type applications. With its hardened case, redundant DC power inputs, and high performance components, the unit is perfectly suited for your extreme industrial automation environment.

The GIR-SW2 provides varied choice of deployment locations even in harsh environments with the Din-Rail option in a quick and easy way with no configuration required. The unit is equipped with auto MDI/MDI-X on all ports for simple connection to other switches and hubs. Each port has 2 LEDs to show the link status transmission speed which making troubleshooting the device a simple task.

2 Technical data

Power

Input Voltage	12~48V DC
Connection	Detachable screw terminal
	Polarity protected
Power Consumption	5W (Max)

Standards

IEEE 802.3/2000	10 or 100Base-TX, manual or auto
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Performance

Throughput	148,800 pps to 100 Mbps ports
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Interface

Ports	5 x 10/100Base-TX (RJ45)
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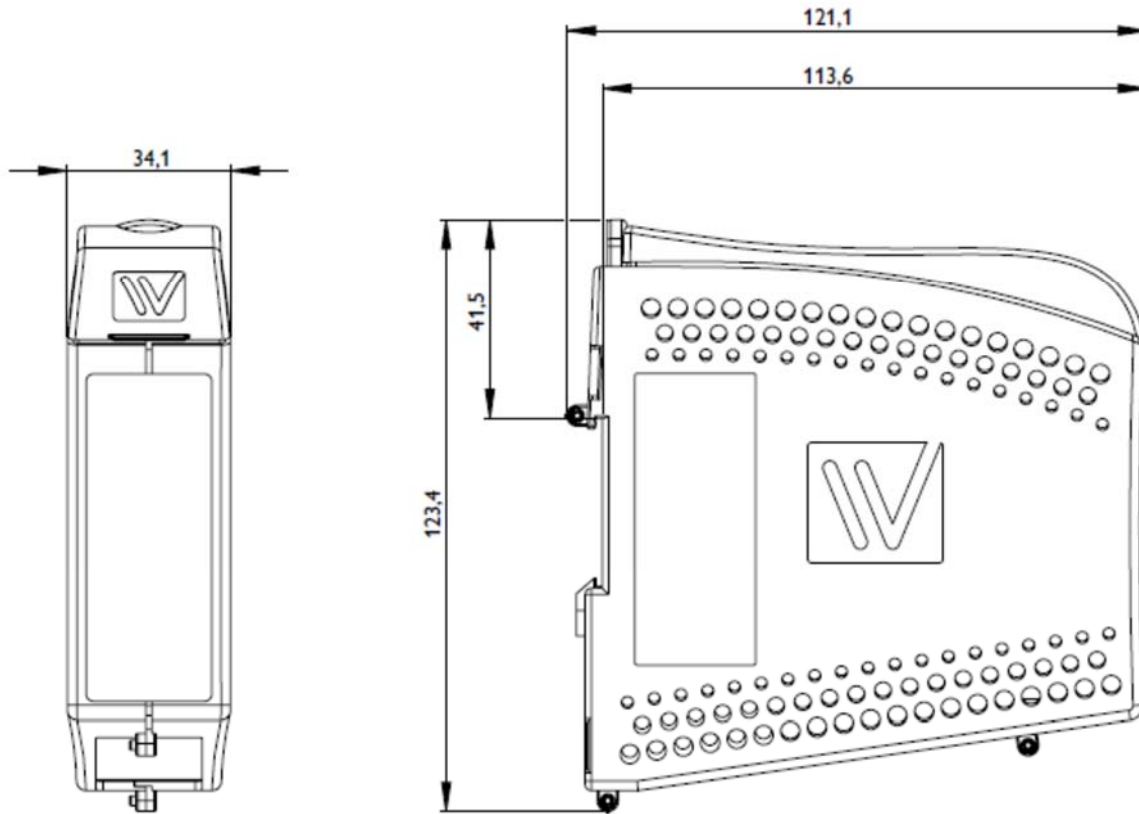
Mechanical and environmental

Housing	Plastic case
Protection	IP 21
DIN-Rail Mounting	35mm
Operating Temperature	-25°C to 70°C
Operating Humidity	10 to 80% RH (non-condensing)
Storage Humidity	5 to 90% RH (non-condensing)
Weight	250g
Dimensions	Width 34, height 133, depth 121 mm

Standards and Certifications

EMC	IEC 61000-6-2
	IEC 61000-6-3
	IEC 61000-6-4
Safety	UL 60950-1 1 st edition
Ex	EN 60079-0 and 60079-15

3 Dimension

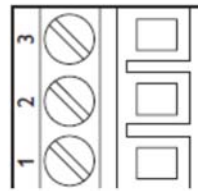


4 Connections

4.1 Power supply

Power supply

- 1 Connect to 0V
- 2 Connect to +24VDC
- 3 Not used (redundant +24VDC)

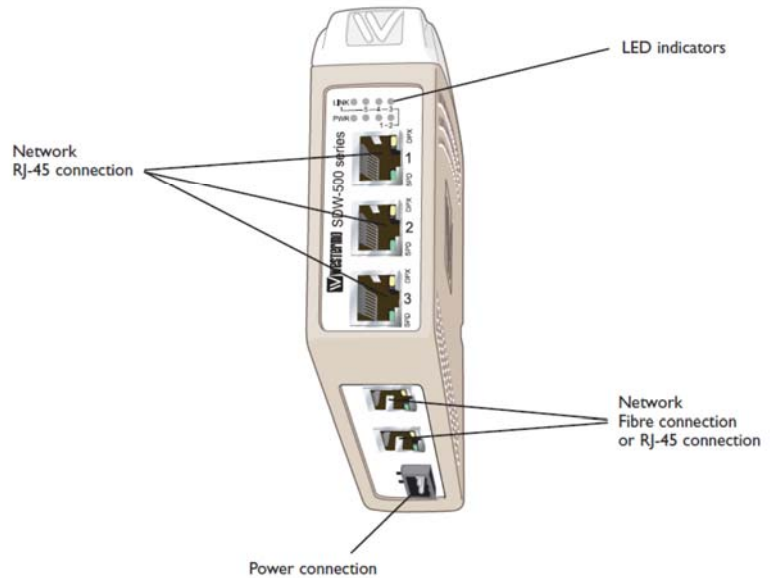


4.2 Ethernet

Connect the used Ethernet cables. Port 4 and 5 are located on the bottom side.

Suggested order:

Port	Item
1	Not used
2	Not used
3	CEC
4	Router
5	Panel-PC

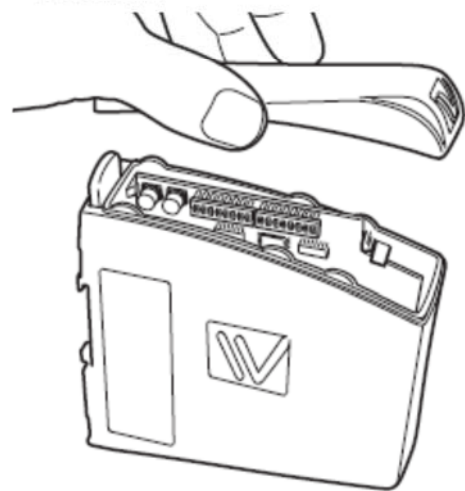
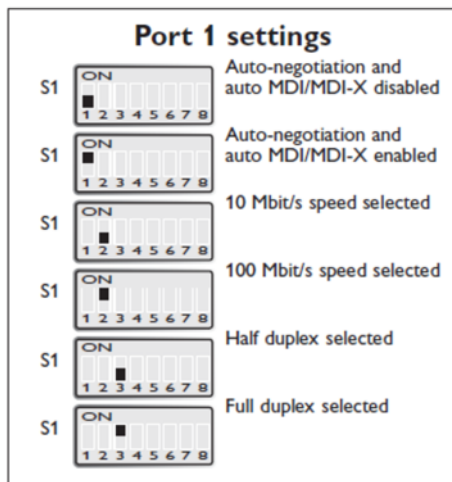


5 Settings

The unit is properly set up at delivery. If for any reason this has to be changed, open the top lid to reach the dip switches.



Note – reboot the unit (power off/on) after the settings has been done.

Port 1 settings is shown below



6 Mounting

See the pictures for mounting and removing the unit from the DIN rail.

Mounting Snap on mounting – see the figure	Removal Press down the black support at the back of the unit
	

7 Valmet article number

VAL0372771.

8 Contact

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