

# PROCENTEC



## VPSwitch

Industrial Ethernet Switches



## VPSwitch Go Family

**The VPSwitch Go Family is a versatile series of Industrial Ethernet switches available with a full range of capabilities. The switches are available as Unmanaged, Lite Managed, Full Managed, and Full Managed with Security. These solutions are easy and quick to set up in any automation, building, or infrastructure system requiring robust design and unique capabilities.**

Some of the features of the the VPSwitch Go Family are:

- Universally accepted standards for easy integration into any Industrial Ethernet network with SNMP, LLDP, VLAN, Quality of service and RSTP communication redundancy
- Diagnostic capabilities, port statistics and message trap capability for managed switches
- Management capabilities allowing for Port Mirroring, Full Port Control, pre-programming via a USB stick or downloadable file and integrated user's manual
- Security features such as log in security, profiles, firewall and NAT capabilities
- Robust features such as SFP connection of Fiber Optics, M12 connections, alarm contactor for user notification, and up to IP54 weather and dust rating

### Compatible with Atlas

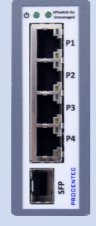






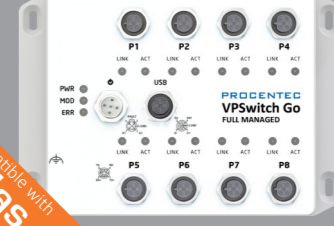
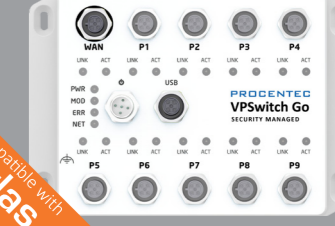




Atlas is the solution for monitoring and diagnosing Industrial Ethernet networks. The tool provides unique insight and knowledge of networks and an overview of the network health, with easy to use and understand displays. For more information about Atlas please see our website [www.procentec.com/atlas](http://www.procentec.com/atlas).

Find the VPSwitch Go products that are compatible with our Atlas solution in the overview.

## Your benefit

### Switch design

- Design choice between management requirements
- Straightforward user interface in your language
- Easy integration in your network
- Certifications for rollingstock & railway applications EN50155 / EN50121, European directives E1 R10 + R118, and CE

Overview VPSwitch Go Family	Unmanaged					Lite Managed		Full Managed	Security Managed
							 <small>Compatible with Atlas</small>	 <small>Compatible with Atlas</small>	 <small>Compatible with Atlas</small>
<b>Product name</b>	VPSwitch Go Unmanaged 4TX / 1FX	VPSwitch Go Unmanaged 5TX	VPSwitch Go Unmanaged 8TX	VPSwitch Go Unmanaged 6TX	VPSwitch Go Unmanaged 8TX-M12	VPSwitch Go Lite Managed 6TX	VPSwitch Go Lite Managed 8TX-M12	VPSwitch Go Full Managed 8TX-M12	VPSwitch Go Security Managed 10TX-M12
<b>Ordercode</b>	124-100400A	124-100500A	124-100800A	124-200600A	124-300800A	124-200610A	124-300810A	124-300820A	124-301030A
<b>Connection type</b>	4TX via RJ-45 1FX via SFP	5TX via RJ-45	8TX via RJ-45	6TX via RJ-45	8TX via M12	6TX via RJ-45	8TX via M12	8TX via M12	10TX via M12
<b>Applications</b>	Automation, process industry	Automation, process industry	Automation, process industry	Automation, process industry	Automation, railway	Automation, process industry	Automation, railway	Automation, railway	Automation, railway
<b>Ethernet type</b>	Fast Ethernet 10/100Mbit	Fast Ethernet 10/100Mbit	Fast Ethernet 10/100Mbit	Fast Ethernet 10/100Mbit	Fast Ethernet 10/100Mbit	Fast Ethernet 10/100Mbit	Fast Ethernet 10/100Mbit	Fast Ethernet 10/100Mbit	Fast Ethernet 10/100Mbit
<b>Web UI</b>	-	-	-	-	-	✓	✓	✓	✓
<b>Type</b>	Store and forward	Store and forward	Store and forward	Store and forward	Store and forward	Store and forward	Store and forward	Store and forward	Store and forward
<b>USB Port</b>	n.a.	n.a.	n.a.	n.a.	n.a.	Configuration with USB, firmware updates, system logging	Configuration with USB, firmware updates, system logging	Configuration with USB, firmware updates, system logging	Configuration with USB, firmware updates, system logging
<b>VLAN</b>	n.a.	n.a.	n.a.	n.a.	n.a.	✓	✓	✓	✓
<b>Management</b>	n.a.	n.a.	n.a.	n.a.	n.a.	HTTP, configuration with USB	LLDP, HTTP, SNMP v1/v2c/v3, traps, RMON	LLDP, HTTP, SNMP v1/2c/3, traps, RMON	LLDP, HTTP, SNMP v1/2c/3, traps, RMON
<b>Security</b>	n.a.	n.a.	n.a.	n.a.	n.a.	System logging, password protection, user management, port disabling, SNMP traps	System logging, password protection, user management, port disabling, SNMP traps	System logging, password policy, user management, port disabling, SNMP traps	System logging, password policy, user management, port disabling, SNMP traps, 1:1 NAT, firewall, routing
<b>Diagnostics</b>	n.a.	n.a.	n.a.	n.a.	n.a.	LED's, port monitoring, display port status, configuration via UI, port mirroring, port trunking/link aggregation, traps, relay	LED's, port monitoring, display port status, port statistics, configuration via UI, port mirroring, port trunking/link aggregation, SNMP traps, relay, cable test	LED's, power supply, port monitoring, display port status, port statistics, configuration via UI, port mirroring, port trunking/link aggregation, SNMP traps, relay, cable test	LED's, power supply, port monitoring, display port status, port statistics, configuration via UI, port mirroring, port trunking/link aggregation, SNMP traps, relay, cable test
<b>Protocols supported</b>	n.a.	n.a.	n.a.	n.a.	n.a.				
<b>Filter</b>	n.a.	n.a.	n.a.	n.a.	n.a.	Fast aging, port based VLAN's, QoS	Fast aging, broadcast storm protection, 64 tag-based VLAN's, QoS	Fast aging, broadcast storm protection, 64 tag-based VLAN's, QoS, loop protection	Fast aging, broadcast storm protection, 64 tag-based VLAN's, QoS, loop protection
<b>Power supply</b>	9.6 - 30VDC C2	9.6 - 30VDC	9.6 - 30VDC	9.6 - 60VDC C2 18 - 30VAC	12 - 48VDC	9.6 - 60VDC 18 - 30VAC	12 - 48VDC	12 - 48VDC	12 - 48VDC
<b>Environment</b>	-40° C to +70° C IP20	-40° C to +70° C IP20	-40° C to +70° C IP20	-40° C to +70° C IP20	-40° C to +70° C IP54	-40° C to +70° C IP20	-40° C to +70° C IP54 or IP67 upon request	-40° C to +70° C IP54 or IP67 upon request	-40° C to +70° C IP54 or IP67 upon request
<b>Mechanics</b>	Fanless design extra small	Fanless design extra small	Fanless design extra small	Fanless design extra small	Fanless design	Fanless design extra small	Fanless design	Fanless design	Fanless design
<b>Ratings</b>	-	-	-	-	EN50155, EN50121 E1 Zulassung (R10, R118)	-	EN50155, EN50121 E1 Zulassung (R10, R118)	EN50155, EN50121 E1 Zulassung (R10, R118)	EN50155, EN50121 E1 Zulassung (R10, R118)
<b>Dimensions (L x W x H)</b>	35 x 103 x 76 mm	35 x 103 x 76 mm	35 x 103 x 76 mm	64 x 105 x 48 mm	120 x 175 x 42 mm	64 x 105 x 48 mm	120 x 175 x 42 mm	120 x 175 x 42 mm	120 x 175 x 42 mm



## Complete service portfolio

PROCENTEC offers you a complete range of services to support you as a user or supplier of fieldbus technology. Our experts with their PROFIBUS and PROFINET knowledge excel within their field of work, so rest assured that you will receive the optimal solution.

We are an official PROFIBUS International Competence Center (PICC), in addition to a PROFIBUS International Training Center (PITC) and a PROFIBUS International Test Lab (PITL). A huge bundle of expertise is therefore at your disposal!

### Support

Our PROCENTEC Support Engineers live to solve any network problem you might have. In case of emergency, call the support hotline: +31 (0)6 100 742 76. Our engineers are equipped with a wealth of specialist knowledge and all necessary tools. They will gladly help you with:

- On-site and online support
- Network audits
- Network certifications
- Consultancy
- Product certifications

### Training

As a PITC we give training courses at our offices, though we also teach on-site anywhere in the world. Our goal is to give technicians that extra set of skills to professionally use PROFIBUS and PROFINET. Also supervisory staff can use the acquired knowledge to organize and execute projects more efficiently, so the system's entire life cycle is optimized. We offer the following courses:

- PROFIBUS or PROFINET Troubleshooting & Maintenance
- Certified PROFIBUS Installer
- Certified PROFIBUS (DP/ PA) or PROFINET Engineer

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