

Industrial 4G Weblogger

Sends an alert in relation to limit values being exceeded



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View your values and statuses remotely

The SVL is a compact web logger that is used to log and display your processes' analogue measured values and digital statuses. You can remotely view the values and statuses via an available internet page (checkmyprocess.com).

The data logger is a standalone logger to which the sensors are connected directly. Once started up, the web logger will forward the measured values automatically via GSM or fixed internet connection to the web portal. You will have your own account on this portal where you can view your monitoring sites and current measured values. The web logger will transmit an alert via text message and/or Email message when limit values configured in advance are exceeded.



Advantages

- ✓ Data logger with storage and visualisation in the Cloud
- ✓ Access to measured data via fixed and mobile internet services
- ✓ PT100 temperature sensors can be connected directly!
- ✓ Alerts sent as text message and/or Email message (without SMTP settings)
- ✓ Power failure reporting via emergency power supply
- ✓ 4G GSM module enables global use

LTE-M: 4g for Machine-2-Machine

This SVL 4G uses the LTE-M (in full: LTE Cat-M1) band of the 4G network especially for Internet of Things (IoT) applications. In comparison with other solutions, LTE-M has a number of strong advantages:

- ✓ Very good cover including in buildings
- ✓ Supports texting by SMS
- ✓ More bandwidth available and therefore more data can be sent and/or received
- ✓ Limited delay between sending and receiving data (latency)
- ✓ If your provider supports 2G, the dialler switches over automatically when the 4G network fails

Select the right SIM

Selecting the right SIM is very important to ensure that our equipment operates correctly and safely. A non-activated SIM card can be supplied with the SVL. Visit our website for more information about this.

Configuration program

You can easily configure the SVL Weblogger using a PC or laptop. Use the free SV-prog software for this (see www.adesys.nl/en/service/downloads). SV-prog gives you a clear overview of the configuration options.

Checkmyprocess.com

The SVL Weblogger can be connected with the Adésys measuring centre via a fixed Ethernet connection or the built-in 4G module. This central platform supports various SV line products. For the SVL, this means:

- ✓ Simple control of multiple monitoring sites
- ✓ Illustration of the current measured values and statuses
- ✓ Trend display of measured process data

This gives you insight into your measured values and alerts using your PC, tablet or smartphone, always and everywhere. View the possibilities of this platform by requesting a free access to the demo account via the website.



Specifications

System properties

Input/output options (differences per SVL model)	Article number	Universal I/O	PT100	Relay outputs
	SVL0400-I	4	-	-
	SVL0402-I	4	-	2
	SVL0420-I	4	-	-
	SVL0800-I	8	-	-
Input/output options PT100 (only available in 3G and differences per SVL model)	SVL0040-R	-	4	-
	SVL0022-R	-	2	-
	SVL0420-R	4	2	-
Universal input	Possibility per entry <ul style="list-style-type: none">• Potential-free contact (can also be configured as a pulse input)• Digital voltage input (can also be configured as a pulse input)• Flow measurement 4-20mA• Voltage measurement 0-10V• Open collector output to control small relays			
PT100 inputs (only available in 3G)	<ul style="list-style-type: none">• 4: maximum 2x 3-wire sensor or 4x 2-wire sensor• 2: maximum 2x 3-wire sensor or 4x 2-wire sensor• Inputs can also be used for potential-free contact			
Communication port	10/100mbit RJ45 for settings with a PC			
Supply voltage	15 - 35VDC / max 8.5W 20 - 30VAC / max 18VA			
Built-in emergency power supply	Supercap (charged after a few minutes) so that you can still report in the event of a power failure			
Mobile network	GSM/GPRS/EDGE 850/900/1800/1900MHz (Quadband) Global-band FDD-LTE B1/B2/B3/B4/B5/B8/B12/B13/B17/B18/B19/B20/B25/B26/B28/B39 (B39 Cat-M1 only)			

Enclosure and operating conditions

Enclosure	DIN-rail (TS35)
Dimensions (W x H x D)	23 x 95 x 102 (mm)
Weight	125gr
Operating temperature	-20°C ... +50°C
Air humidity	20 - 85 % (not condensed)

Alert functions

Alert types	<ul style="list-style-type: none">• SMS message via internal GSM module• Email via fixed internet and/or via GPRS / LTE-M (SMTP settings are not required)• Power failure reporting
Number of call opportunities	3 call lists with 8 call possibilities per call list, maximum of 20 digits per call number

NB: The specifications mentioned are subject to change. No rights can be derived from it. For product variants contact Adésys.