# Specifications

| | |
|---|---|
| Number of dialling numbers | 3 call lists, with 8 dialling numbers per call list, maximum of 20 digits per dialling number |
| Notification by | SMS and/or IP message to server |
| Input/output options<br>(differs for each SVM model) | Universal input<br>2 - 8 |
| Communication port | UTP for configuration with a PC<br>RS232 for serial connection with controller/PLC |
| Enclosure | DIN-rail (TS35) |
| Dimensions (W x H x D) | 23 x 95 x 102 (mm) |
| Weight | 125g |
| Operating temperature | -20°C to +55°C |
| Air humidity | Between 20 and 85 % (not condensed) |
| Power supply | Supply voltage: 11.4V – 37.5 V DC or 24 V AC (± 10%) Nominal |
| Built-in emergency power supply | Supercap; this means the emergency power supply is very quickly charged and the dialler can still send a few alerts in the event of a mains power failure |
| Mobile network: | GSM/GPRS/EDGE 850/900/1800/1900MHz (Quadband)<br>UMTS/HSPA+ 800/850/900/1900/2100MHz (Pentaband) |

*NB: The specifications stated are subject to change. No rights may be derived.*
*For product variants, please contact Adésys.*

## Also available in the SV product line:

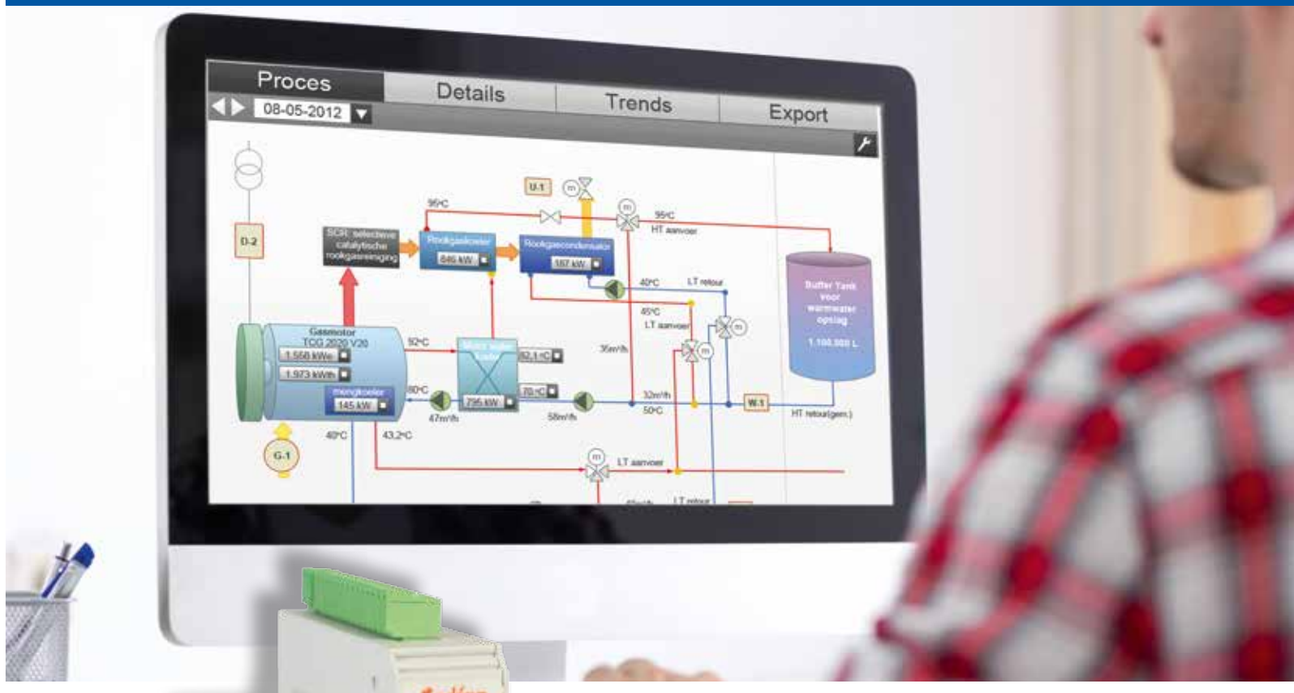

SVA alarm dialler


SVL weblogger

SVM

# Industrial 3G modem/SMS alarm dialler

## Control and monitor your technical processes

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# Industrial 3G modem/SMS alarm dialler

## Access to PLCs without needing to use the business network

## Link operating systems such as PLCs to SCADA

Modems are often used in industry in places where local technical systems (PLCs) need to be connected to a central process computer/SCADA application. This process computer is used to operate and read these local processes.

The SVM 3G modem makes configuring such a connection very easy and no access to the business network is required. As soon as the connection is made, the unique “Steady Connect” principle ensures that the connection stays very stable.

## Configuration programme

The SVM 3G modem can be configured easily using a PC or laptop. SV-prog configuration software, with its contemporary design, is available for this. The software can be downloaded free of charge from the Adésys website. SV-prog offers you a clear overview of the configuration options. Users find the configuration process easy to use.

## Advantages

- Control and monitoring of technical systems
- Combination of 3G internet modem and contact-controlled SMS alarm dialler
- “Steady Connect” for extremely stable connections
- Notifications of power failure in the monitored process

## Available types

| Item | Contact inputs |
|---|---|
| SVM0000-R 3G modem | - |
| SVM2000-R 3G modem | 2 |
| SVM8000-R 3G modem | 8 |

## Changing existing dialled modem connections to 3G wireless internet

The SVM is the right product for simply changing existing dialled modem connections to 3G mobile internet. This usually requires no modifications in the PLC because the SVM can process the existing modem commands and use this to build a stable wireless internet connection.

As soon as the connection is realised, data from the PLC is read via the RS232 port and forwarded to the SCADA application via 3G wireless internet.

Any alarm contacts/alarm statuses can be connected to the SVM inputs. This means that the SVM also functions as an alarm dialler with SMS alert. By means of the built-in emergency power supply even power failure in the monitored process is reported by SMS.