

mag Plastics Group

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### **Keep yourself in the picture – by mobile production monitoring**

'ErgoSMS' is a practical tool for monitoring production with Sumitomo (SHI) Demag injection moulding machines designed to warn the operator quickly by SMS that a production problem has occurred or that the specified number of articles have been completed.

#### **Informed operating personnel**

- All those responsible for the current production on a machine can be included in the monitoring process.

#### **Secure production at any time**

- Communication by SMS on mobile phones permits instant intervention even at times of low manning, e. g. at weekends or during night shifts.

#### **Flexible monitoring objective**

- As a portable solution – optional – ErgoSMS can be simply and quickly transferred from one machine to another.

#### **Straightforward integration**

- The use of few and easy to operate elements enables integration to be implemented quickly and easily.

#### **Quick refit capability**

- ErgoSMS retrofits are available for all Sumitomo (SHI) Demag injection moulding machines and ensure universal application.

 **Sumitomo**  
SHI **DEMAG**

## **ErgoSMS**

Monitoring injection moulding  
production by mobile phone

# QUICK INFORMATION – ALARMS AND PROCESS DATA

## Optimal functionality

- **Temperature insensitive:**

Operation is ensured in a wide temperature spectrum between –20 °C and +55 °C.

- **Flexible locations:**

SMS function is provided for any production locations inside Europe in the GSM dual band at 900 and 1800 MHz.

- **No loss of information:**

In addition to the master mobile phone, another four mobile phones can be configured to receive alarm SMS messages.

- **Portable or fixed:**

Fixed in the control cabinet, ErgoSMS will monitor the particular machine. And it can be quickly transferred to monitor another IM machine.

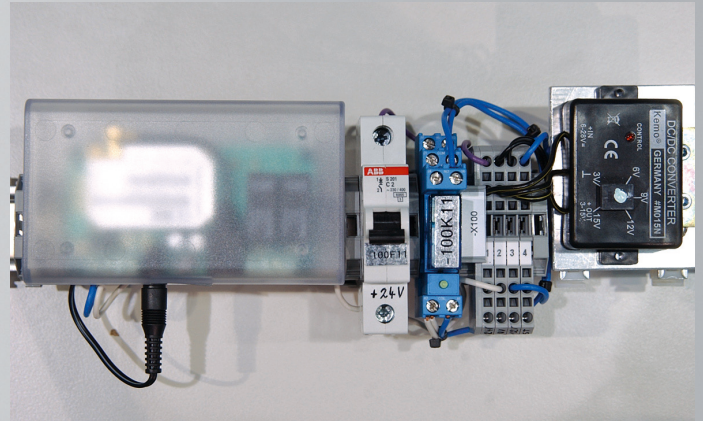
## Small add-on module – big effect

Depending on available space, the GSM module can be fitted in the control cabinet in different ways. The allied antenna features a magnet base for universal positioning. Configuration of all alarm functions is by defined SMS commands via the master mobile phone.

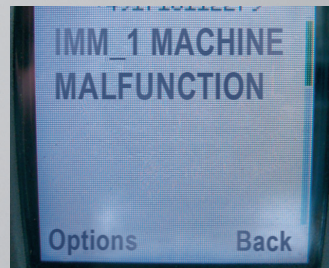
### Requirements

- Mobile phone reception at machine location
- Unlocked SIM card for transmitter module
- Mobile phones for programming the monitoring unit and reception of alarms

All other components, such as the GSM module, antenna and fastening elements are supplied by Sumitomo (SHI) Demag to fit your installation.



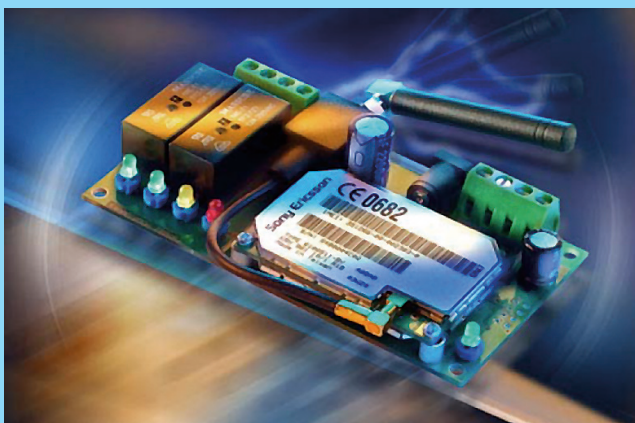
Monitoring refit for ErgoSMS with GSM module



ErgoSMS provides information on machine status on the mobile phone display



GSM antenna for ErgoSMS on a Sumitomo (SHI) Demag IM machine



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For further information please visit our website:  
[www.sumitomo-shi-demag.eu](http://www.sumitomo-shi-demag.eu)

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