

GSM modem INSYS GSM LOGO! optimally suited for new 0BA6 version of Siemens's LOGO! mini PLC

Cost-efficient fault detection and remote control system for decentralized monitoring tasks

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Regensburg – The GSM modem INSYS GSM LOGO! allows users to turn mini PLCs from Siemens's LOGO! series into a cost-efficient fault detection and remote control system for decentralized monitoring tasks. In order to ensure the optimal use of all functions, INSYS MICROELECTRONICS has adapted its communication device to the latest LOGO! version 0BA6. The GSM modem INSYS GSM LOGO! is available as of now.



Figure: GSM modem INSYS GSM LOGO! and LOGO! mini PLC from Siemens

The new version features optimally adapted firmware and a high-performance controller. The firmware allows the INSYS GSM LOGO! to monitor function blocks and status values (PA buffer) without interfering with the PLC program. The device is directly connected to the PLC via its serial interface (RS232), which enables the system to send alarm messages to mobile phones, request actual values and control switching relays via SMS or dial tone (Run, STOP). INSYS GSM LOGO! features two digital interrupt inputs. Combined with an impulse software, each input can send up to 10 different text messages to up to 40 different mobile phone numbers. The two potential-free relay outputs can be remote-controlled via SMS or DTMF tones. Status values and reports can be sent via SMS, fax or email. This can be initiated by changes at the inputs, by request or through time and interrupt control. The user-friendly, windows-based configuration software HSCComm LOGO! enables users to configure INSYS GSM LOGO! devices. The INSYS GSM LOGO! operates with a 10...60 V DC power supply.

New INSYS GSM LOGO! features

INSYS MICROELECTRONICS has fitted the optimized communication device with new features and additional function keys. Switching commands and objects, such as inputs and outputs, flags or function blocks, can now be assigned up to 142 alias names, which allows for easy plain text operation. Further additions to the functional range include connection confirmation via DCD signals, debouncing interrupt inputs, buffering of up to five alarms and the option to directly control outputs via DTMF, i.e. telephone keys. The SMS functionality has also been considerably extended by INSYS: the SIM Card Service Centre Number (SCN) can now be read directly from the SIM card itself. A reply to an SMS command is possible without including the sender's number in the SMS, and the @ sign can be directly inserted in SMS-to-email-messages. Moreover, POWER Up SMS work even when the power supply of the real-time clock has been exhausted after a long downtime. The unit is available in two housing types for DIN rail mounting. Due to its compact, flat design, the model INSYS GSM compact is suitable for flush-mounted distributor boxes which are used e.g. in building services engineering.

Contact

INSYS MICROELECTRONICS GmbH

Barbara Gallert
Waffnergasse 8
93047 Regensburg
Germany

Tel.: +49 941 / 56 00 61
Fax: +49 941 / 58 692 - 45

E-Mail: insys@insys-tec.de
Internet: www.insys-tec.de