

LOGO! data cable from INSYS connects GSM communication device with Siemens mini PLCs

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Regensburg – INSYS MICROELECTRONICS GmbH now provides an easy solution for connecting INSYS GSM modems to Siemens LOGO! units by means of a single connection cable. Until now, only a relatively expensive Siemens cable and adapter were available to connect the mini PLC to the data communication device. With the new data cable, INSYS now offers a continuous control solution. INSYS GSM compact units are designed to operate with LOGO! PLCs. Due to their small dimensions and their flat design, they can easily be housed in distributors which are used e.g. in building services engineering. They turn the Siemens PLC into a cost-efficient fault detection and remote control system for decentral monitoring tasks.



Figure: A data cable connects LOGO! and INSYS GSM compact units

The INSYS device features two digital inputs which can send up to ten different text messages to up to 40 different mobile phone numbers through the activation of an impulse software. Its two relay outputs can be remote controlled via SMS or DTMF tones. The PLC is directly connected via the device's serial interface (RS232). A special firmware allows the INSYS GSM compact to monitor function blocks and status values (PA buffer) without interfering with the PLC program. 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. Moreover, the unit offers the possibility to remote control the PLC via SMS or dial tone (run, stop) and to actuate switching relays. The user-friendly, windows-based configuration software HSComm enables users to enter text messages and to define interrupt conditions and interrupt targets as well as

other set-up parameters. The INSYS GSM compact operates with a power supply of 10...60 V DC.