

INSYS GSM easy and INSYS Connect: User-friendly, cost-efficient remote maintenance solution for Moeller mini PLCs

Regensburg, 20. March 2006

Regensburg – Together with a Moeller mini PLC, the INSYS modem *GSM 4.1 easy* enables the setup of easy-to-use, wireless remote maintenance solutions. The GSM modem, which is equipped with a compact DIN rail housing, is simply connected to the PLC models easy 800/MFD, easy 500 or easy 700 via its RS232 interface.



Figure: INSYS GSM 4.1

A special firmware that is adapted to the PLC enables the INSYS device to monitor the status of the I/Os, the internal flags and the actual values of the connected PLC, and to transmit commands. Readings can be included in text messages which are sent out by SMS request, at given times or in case of an alarm event (if pre-configured limits are exceeded or if the device's interrupt inputs are triggered). A confirmation request for received messages can be specified as well. In addition to its two interrupt inputs, the GSM device features two switching outputs for relays which can be activated via the interrupt input, via AT commands and via SMS. One of its key functions is the remote configuration of the PLC via Moeller's standard tools. The Windows-based tool *INSYS Connect* ensures easy dial-up. It features an integrated telephone directory which makes it unnecessary to enter AT commands or telephone numbers to access the modem.