

GPRS Alarm Modem

The GPRS Alarm Modem is designed to collect messages that are detected as activated switching contacts and analog limit values. Communication with the server is performed over a virtual dedicated line via GPRS as a point-to-point, multipoint or multi-drop connection. An Internet exchange server may log the states of the inputs and outputs permanently on the basis of event or time control. The server constitutes a relational database, i.e. external access is possible via SQL queries.



The exchange server is a service provided by Weidmuller.

The configurable alarms are issued via SMS, e-mail, voice messaging and/or fax.

The IE-GPRS-I/O implements telecontrol by remote-switching of the outputs via telephone/mobile telephone.

The IE-GPRS-I/O can be teleserviced and remote-configured.

The Weidmuller GPRS I/O has an aluminum housing just 45 mm wide and the following configurable features:

- Signaling and telecontrol system designed for automatic operation if required
- Dual band GSM/GPRS modem (GSM 900/1800MHz, 950/1900MHz)
- Permanently online
- Low-cost M2M rates
- 8 digital and 4 analog input ports, 4 digital output ports
- Immediate alarm signaling via SMS, FAX, e-mail or voice message in the event of limiting values being exceeded at the input ports
- Alarm via RS232 also possible
- 8-level recipient list with very flexible configuration options
- Integration of port statuses in message
- Integral cost monitoring
- Data logger (LAN and Internet) available
- Includes GPRS antenna in box





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Technical Data					
Housing	Aluminum				
Ports	8 digital inputs; 4 digital outputs; 4 analog inputs; 1xRS232 interface				
AC input voltage, min.-max.	8-24VAC				
DC input voltage, min.-max.	10-36VDC				
Input power AC/DC	max. 5 VA AC / max. 5 W DC				
Input frequency	47-63 Hz				
Operating temperature	-10 to 55°C (14 to 131°F)				
Storage temperature	-10 to 70°C (14 to 158°F)				
Installation	TS35 DIN-Rail or Wall Mounted				
Ingress protection class	IP 20				
Data rate	max. 53.6 kbps				
Functionality	SMTP; POP3; FTP; DNS; IPTCP; UDP sockets				
Status indication	Power				
Approvals	cULus, CE				
Transmission rate	GPRS dependent				
Dimensions mm (in)	137 x 45 x 155 (5.4 x 1.8 x 6.1)				
Ordering Data					
950/1900 MHz	<table border="1"> <thead> <tr> <th>Type</th> <th>Part No.</th> </tr> </thead> <tbody> <tr> <td>IE-GPRS-I/O -QUAD</td> <td>8963930000</td> </tr> </tbody> </table>	Type	Part No.	IE-GPRS-I/O -QUAD	8963930000
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