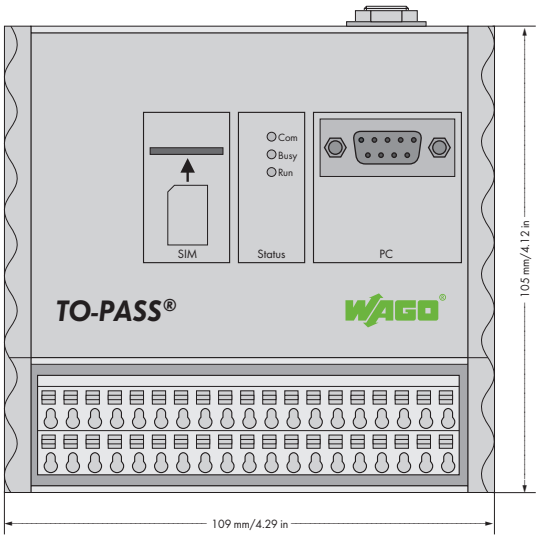
TO-PASS® Telecontrol Module M, 8AI, Web, MODBUS

Telecontrol module for fault detection/indication, monitoring and remote control



Universal telecontrol module for fault detection/indication and Internet connectivity for machines and installations over a GSM network. The module can be used in many countries via an integrated quad-band GSM modem. Messages are sent via SMS, e-mail, fax or phone call. In addition, the process image can be transmitted in an adjustable cycle to a user-selected Internet address. A Modbus slave (e.g., 750-816) can be connected via RS-232 interface to link additional process values. Switching of outputs is performed via SMS.
8 digital inputs, 8 analog inputs, 4 digital outputs and 2 analog outputs with integrated GSM modem. Ideal for applications in distributed stations for temperatures ranging from -20°C to +70°C. Ability to mount on DIN-rail and intuitive user software make unit easy to handle. Operating voltage ranges from 8.5 to 36VDC.

Special functions:
- Acknowledgment: Acknowledging any fault message
- Stand-by: Automatic remote switching of the stand-by service
- Remote parametrization: Programming and process visualization conveniently performed from the office
- GPRS-dedicated line: Permanent online connection to the process on a WEB server or PC with fixed IP address (e.g., DSL connection)

LED indicators:
- Continuous "Com" + "Busy" + "Run" LED: CSD connection/communication initialization phase approx. 50 sec.
- Continuous "Busy" + "Run" LED: Active mode
- "Run" LED 2 Hz: Error
- "Run" LED 0.5 Hz: Ready for operation

Description	Item No.	Pack. Unit
~~Telecontrol Module M 8AI WEB MODBUS~~	~~761-206~~	~~1~~
Product discontinued!		
Last call:	**28.02.2011**	
Substitute:	**761-216**	

Accessories	Item No.
Antennas, USB adapter, GSM modem and power supply units	see page 371

Approvals

Approvals	for all EU countries
	Approvals for other countries on request

Technical Data

Number of inputs	Digital: 8 (6.5 V ... 24 V);
	Analog: 8 (0/4 mA ... 20 mA)
No. of outputs	Digital: 4 contacts,
	Analog: 2 (0/4 mA ... 20 mA)
Number of receivers	4 (PC, SMS, e-mail, phone, fax)
Communication	GSM quad-band
Communication types	SMS (bidirectional),
	telecommunication dial-up connection
	(CSD)
Operating voltage	8.5 V ... 36 V DC
Closed current	40 mA
Current during transmission	< 600 mA
Internal resistance (analog inputs)	250 □
Max. input current (24 V)	1.6 mA
Load of digital outputs	36 V DC/0.5 A
Operating temperature	-20 °C ... +70 °C
Type of mounting	DIN 35 rail
Wire connection	Terminal strips with push-wire connection
	(WAGO 250 Series)
Cross sections	0.5 mm² ... 1.5 mm² / AWG 22 ... 14
Stripped lengths	9 mm /0.35 in
Dimensions (mm) W x H x L	109 x 105 x 78
Weight	485.31 g
Storage temperature	-20 °C ... +70 °C
Degree of protection	IP20
Antenna connection	SMA (version 2 and higher),
	FME (up to version 1)