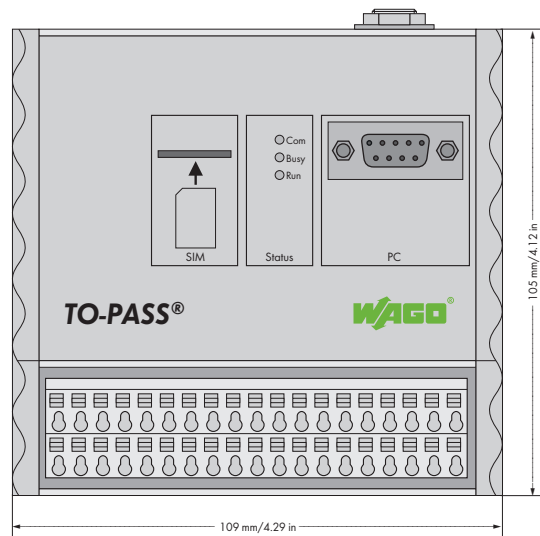


3 TO-PASS® Telecontrol Module M, 8AI, ELog, DLog

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



Universal telecontrol module for fault detection/indication and monitoring of 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. An integrated event logger creates the process image of all occurring events and stores all digital and analog values available at the telecontrol module. The data memory stores up to 4200 process images in an adjustable cycle time. 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 remote control conveniently performed from the office
- Event logger: Saves all occurring status changes
- Data logger: Saves all process values with adjustable cycle

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 ELog, DLog | 761-204 | ± |
| Product discontinued! | | |
| Last call: | 28.02.2011 | |
| Substitute: | 761-214 | |
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| Accessories | Item No. | |
| Antennas, USB adapter, GSM modem and power supply units | see page 371 | |
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| Approvals | | |
| Approvals | for all EU countries Approvals for other countries on request | |
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| 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 Ω |
| 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 mm ² ... 1.5 mm ² / 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) |
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