



## KACO **proLOG**

### basic features

- Remote monitoring of the performance of KACO inverters and external sensors via a web browser
- Local monitoring - direct access to your PV data from a PC or laptop
- Easily configure alarm criteria and receive email alarms if a problem occurs
- Optional energy meter, irradiation sensor, temperature sensor and current sensor can be connected
- Daily transmission of measured data and performance to an email address specified by the user
- Data storage interval for average values can be set in the range from 5-60 minutes
- Local data analysis can be downloaded through either the integrated Ethernet connection or the integrated Compact Flash slot
- Connection of up to 32 KACO inverters per **proLOG** via RS485 interface
- Display of device function via 6 LEDs in **proLOG** M, and 4 LEDs and an LCD display in the **proLOG** XL

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## Remote System Monitoring with KACO proLOG



## additional features

- Graphical display of PV system data from the KACO **blueplanet** web server, such as total energy output
- Display of all data logged by the KACO inverters: generator power, generator voltage, generator current, feed-in grid voltage, grid current and device temperature
- Personalized alarm settings via KACO **blueplanet** web server or directly via the **proLOG**: Note ethernet network must allow emails to be sent
- Reporting function for generating a database over a user-defined period of time
- Worldwide access through KACO **blueplanet** web via any Internet connection (e.g. DSL, Cable)
- Allows data charts to be integrated into your personal or company homepage

### KACO proLOG M/XL Specifications

| Overview of all KACO <b>proLOG</b> functions  | KACO <b>proLOG</b> M                                                              | KACO <b>proLOG</b> XL |
|-----------------------------------------------|-----------------------------------------------------------------------------------|-----------------------|
| <b>proLOG</b> data access via                 | blueplanet web, Ethernet or Compact Flash Card                                    |                       |
| Number of inverters that can be connected     | 32                                                                                | 32                    |
| Address range for each inverter               | 1....32                                                                           | 1....32               |
| Data port for connecting inverter and sensors | RS485                                                                             | RS485                 |
| Analog ports for connecting sensors           | 1                                                                                 | 4                     |
| Digital ports for connecting sensors          | 1                                                                                 | 4                     |
| Alarm or S <sub>0</sub> ports                 | 1                                                                                 | 1                     |
| Display options                               | 6 LEDs                                                                            | LCD Display, 4 LEDs   |
| Memory                                        | Compact Flash Card                                                                | Compact Flash Card    |
| Data port for local analysis                  | Ethernet                                                                          | Ethernet              |
| Data storage intervals                        | 5-60 minutes                                                                      | 5-60 minutes          |
| Integrated transformer                        | Included                                                                          | Included              |
| KACO <b>proLOG</b> technical specifications   |                                                                                   |                       |
| Ambient operating temperatures                | 32°F - 131°F                                                                      |                       |
| Storage and transportation                    | -5°F - 150°F                                                                      |                       |
| Electrical specifications                     |                                                                                   |                       |
| Current consumption                           | appx. 4W                                                                          |                       |
| External power supply                         | 120 V                                                                             |                       |
| Analog inputs (customizable)                  | 0 VDC - 10VDC<br>0mA - 20mA (Max load: 40mA / 3VDC)<br>PT 1000 resistance testing |                       |
| Digital inputs                                | Low = 0VDC - 7VDC<br>High = 9VDC - 24VDC                                          |                       |
| Digital outputs                               | Optocoupler output<br>(max load: 70VDC / 50mA)                                    |                       |
| Internal battery (for internal clock)         | Lithium Cell / Type Li2032                                                        |                       |
| Mechanical specifications                     |                                                                                   |                       |
| Enclosure dimensions KACO <b>proLOG</b>       | 9" x 8 1/8" x 3 1/8"                                                              |                       |
| Enclosure                                     | IP21 / NEMA 2 (indoor enclosure)                                                  |                       |
| Weight                                        | 2 lbs                                                                             |                       |

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