

# PS Communicator

Communication device for remote monitoring and management of LORENTZ Pump Systems

## ORDER INFORMATION

- Item no.: 19-000295    product name: PS Communicator without battery

## FEATURES

- Self-contained controller and GPRS/cellular modem
- Automatically pairs with up to eight pumps that are in Bluetooth range, pumps must have PS DataModule installed
- Connects to each pump in turn and sends current running data and status via mobile Internet to a central LORENTZ server
- All data is encrypted and secure
- **Only for use in combination with LORENTZ pumpMANAGER cloud based service**, which provides:
  - Remote monitoring configuration and management of LORENTZ pumps
  - Active reporting of any alerts or problems
  - Ability to switch on, switch off, monitor external sensors and control pump speed remotely
  - Inclusive monthly fee for cellular data access, application updates and web service



## PRODUCT CONTENT

The required battery and PV module must be ordered separately. Locally purchased parts must meet the following characteristics.

### Battery:

- Sealed 12V AGM lead acid battery
- Min. capacity: 5Ah
- Max. dimensions (LxWxH): 151 x 70 x 100 mm

### PV module:

- Max.  $V_{oc}$ : 40 V
- Max.  $I_{sc}$ : 2.5 A

Accurate local irradiation measurement only with LORENTZ module LC20-12M.

## TECHNICAL DATA

- Global SIM card preinstalled
- Enclosure class: IP54
- Ambient temperature: -15 to 50°C
- Bluetooth standard: class 1
- GPRS terminal standards needed
- Manual with further information is available in PartnerNet
- Meets the requirements for CE

## DIMENSION/WEIGHT

- Packing dimensions: 270 x 250 x 230 mm  
10.6 x 9.8 x 9.1 in
- Weight: 2.8 kg / 6.2 lbs

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