

### iPlus 1

#### Interfaces

## Versions

27EI000034 Vertical 3 outlets interface with 8 buttons and dots display



## Technical Specifications

### General

|                              |                      |
|------------------------------|----------------------|
| Technology                   | Capacitive           |
| Maximum load                 | ≤1,5 W               |
| Number of buttons            | 8                    |
| Communications ports         | 1                    |
| Rotary Knobs                 | No                   |
| Protocol                     | Modbus RTU standard  |
| Communication Physical layer | RS-485               |
| Connector                    | IP67 connector       |
| Front panel                  | PMMA PLEXIGLASSXTAR  |
| Anti- Scratch treatment      | Yes                  |
| Touch splashing protection   | Yes                  |
| Durability                   | 1.500.000 keystrokes |

### Enviromental conditions

|                     |                     |
|---------------------|---------------------|
| Ambient temperature | Min. 5°C - Max 60°C |
| Relative humidity   | Min.30% - Max 95%   |

### Temperature

|                      |                        |
|----------------------|------------------------|
| Unit of measure      | °C / °F <sup>(1)</sup> |
| Cold water indicator | Blue led indicator     |
| Hot water indicator  | Red led indicator      |

### Flow Rate

|                 |                            |
|-----------------|----------------------------|
| Unit of measure | l/min / GPM <sup>(1)</sup> |
|-----------------|----------------------------|

<sup>(1)</sup>: On demand

## Description

The iPlus1 is a capacitive interface designed to pair with Sedal's electronic water valves for shower applications. It controls temperature, flow rate, and multiple outlets, each one with its own light indicator button. A dot matrix display presents the information clearly, allowing intuitive user interaction.

## Features

- Visual
  - Dots
  - Button leds
  - ≥38°C red led indicator
  - Cold water led indicator
- Control
  - Temperature
  - Flow rate
  - 1 to 3 outlets
  - User memory (Initial user + 3 users)
  - Pause
  - Warm-up
  - Block interface
  - Reset
- Maintenance programs
  - Thermal disinfection
  - Impurity cleaning process
- Maintenance alarms and error diagnosis
  - Cold and hot water leakage
  - Cold and hot water failure
  - Hot water temperature too low
  - Cold water temperature too high
  - Temperature sensor malfunction
  - Inlet low flow
  - Communication error
  - Warmup error
  - Bath fill error
  - Legionella error

### Certifications

Electric Standards (With electronic water valve)

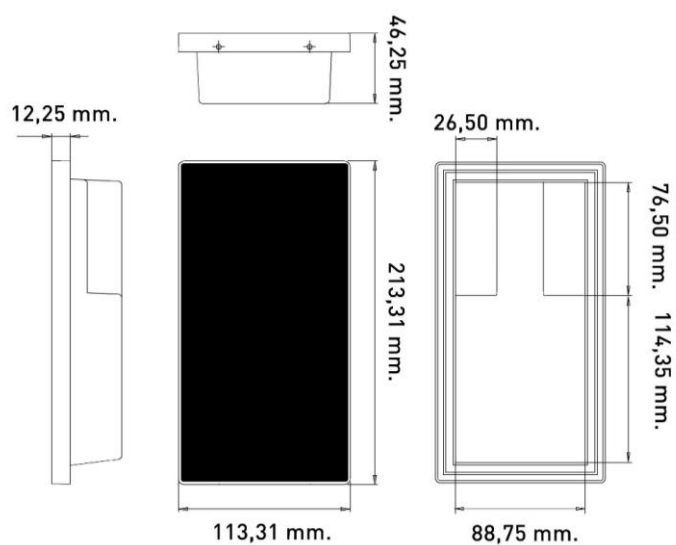
EMC EN 55014-1, EN 55014-2

RoHS: IEC 63000

### Connectivity

RS485 Modbus RTU standard

### Technical Dimensions



More information: [www.sedal.com](http://www.sedal.com)