



# PBIF02

Version 1.1

## Installation instructions

Pushbutton interface boxes for the Poolmatix system

[www.poolmatix.com](http://www.poolmatix.com)

## Important information for users

Thank you for choosing to purchase the PBIF02 pushbutton interface for your Poolmatix system. To ensure that the product works well, lasts a long time, and that it does not cause any issues, we ask you to carefully read the following installation and operating instructions.

Please strictly follow the instructions in this manual. Use of the product not according to this manual may cause damage to the product, damage to your property or personal injury. Use of the product not according to this manual will void the product warranty.

## 1. Product characteristics

The **PBIF02** is a series of interface boxes for connecting standard pool pushbuttons to the Poolmatix system. The interface boxes provide conversion of the pushbutton signal to the current loop electrical signal for the Poolmatix intelligent switchgear. They allow for the use of long wiring between the Poolmatix smart switchgear and the pushbutton without the risk of signal interference. The function of the pushbuttons is defined in the Poolmatix system setup.

### Model range:

PBIF02-1EC – interface for a single electric or piezoelectric button

PBIF02-1PN – interface for a single pneumatic button

PBIF02-2EC – interface for two electric or piezoelectric buttons

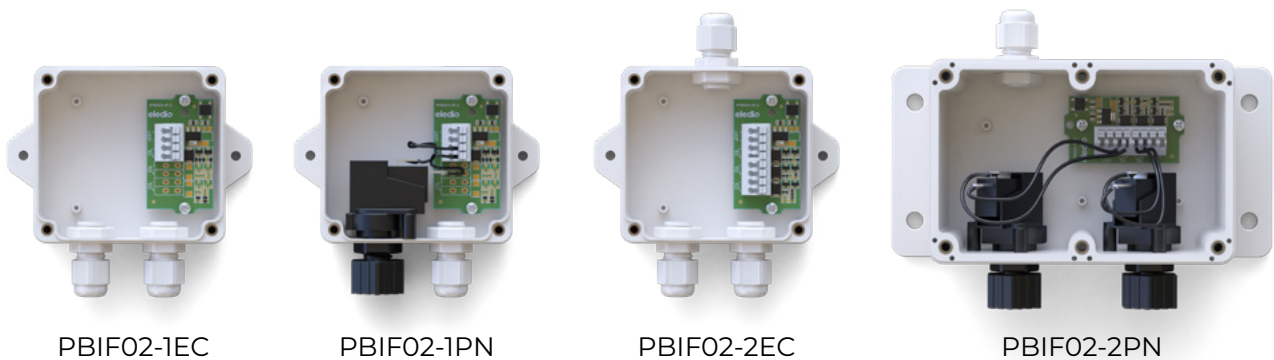
PBIF02-2PN – interface for two pneumatic buttons

## 2. Installation and commissioning

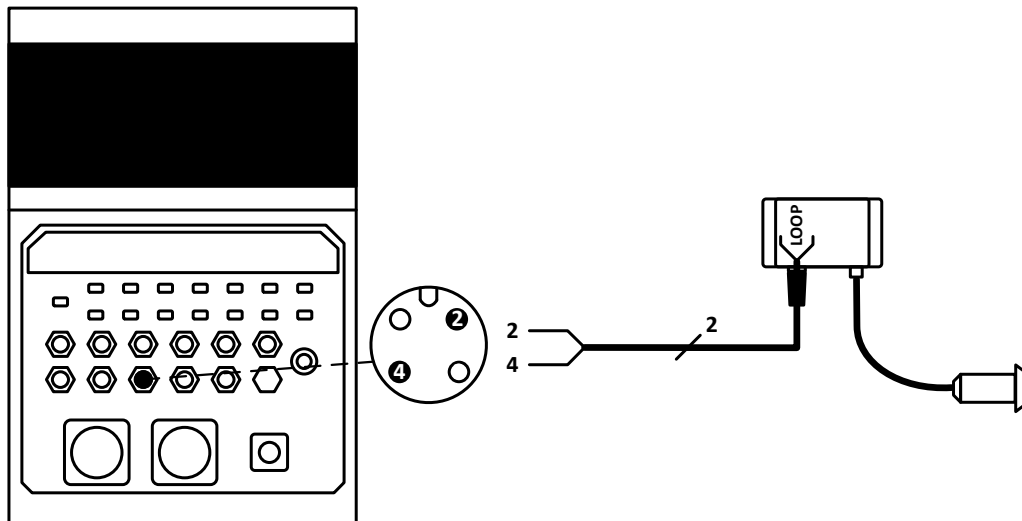
The **PBIF02** interface should be installed near the pushbuttons. It connects to the Poolmatix switchgear via a two-wire cable to the front panel connector labeled „Buttons“.

### Installation process:

1. Screw the interface box to a suitable location near the buttons.
2. Unscrew the lid of the box to access the connection terminals:



3. Connect the electrical or piezoelectric buttons to terminals IN1 to IN2.
4. Connect the pneumatic pushbuttons via a tube to the outer pneumatic inlets.



6. Screw back the lid of the box.
7. Set up the interface and its functions in the ixfield technical application.
8. This completes the installation.