A contact or an electronic switch (contact actuation e.g. contact water meter) can be attached to the two-core cable for external actuation of the pump. The pump responds when the contacts close.

Installation:

**WARNING**

- Retrofit kits set must be installed by trained and authorised personnel!
- Disconnect the pump from the mains power supply and prevent from being switched on again!

**IMPORTANT**

- Keep this sheet with the operating instructions for the pump!
- It is now part of the operating instructions!

- Mark the breakout opening, bottom left of the cover, on the front of the pump.
- Unscrew the cover.
- Break open the marked opening using a punch.
- Push the nut into the recess in the cover and screw the lower section of the cable gland until watertight.
- Thread the suction lance cable through the cable gland.
- Connect the plug to the cable (the cable polarity is arbitrary).
- Push plug into the left-hand circuit board recess in the pump (see illustration).
- Screw the cover back onto the pump.
- Tighten the cable gland and pull out 1X cable.
- Screw the cable gland tight.

View of plug inserted in the opened pump

Technical data

- Voltage, contacts open: 5 V DC ± 0.5 V
- Input resistance: 12 k ± 0.5 k
- Short-circuit current: 0.5 mA ± 0.05 mA
- Maximum level for “0” signal: 1.0 V
- Minimum level for “1” signal: 3.5 V
- Minimum closing time: 20 ms

The pump responds when the contacts close.

Subject to technical changes.