Pulse output module

- External power supply necessary Vcc = 3 – 30 V DC
- Output current ≤ 20 mA with a residual voltage of ≤ 0.5 V
- Open collector (drain)
- The module consists of 2 programmable pulse outputs
- Output 1:
- Frequency: ≤ 4 Hz
- Pulse duration: 125 ms ±10 %
- Pulse break: ≥ 125 ms -10 %
- Output 2:
- Frequency ≤ 100 Hz
- Pulse duration/pulse break: ~1:1
- As a standard the output 1 will give an energy pulse, the output 2 will give a volume pulse (at heat meter or cooling meter)
- At a heat meter with cooling tariff the output 1 will give an heating energy impulse and the output 2 a cooling energy impulse (standard)
- The pulse value depends on the digits after the comma of the corresponding display unit. As a standard the value is always the last digit of the display.
- The volume pulse value is freely programmable
- Floating contact (electrically isolated)
- The lifetime of the battery which is mounted on the module is 12 years.

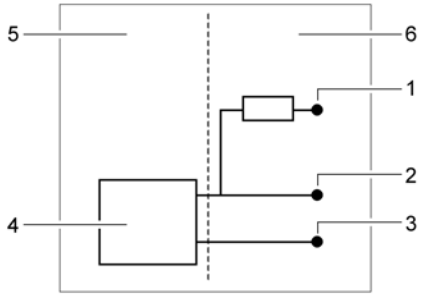

Fig. M Connection diagram for one pulse output

1 connection of the external power supply V_{CC}
2 Pulse output
3 GND
4 Pulse output module
5 Energy meter
6 External connection

To use the pulse output module an external power supply is necessary. Via a resistor the current has to be limited to max. 20mA. At point 2 in the diagram the pulse will be given.

The outputs are marked “01 - ⊥” and “02 - ⊥” on the terminal and “Out1” and “Out2” in the display.

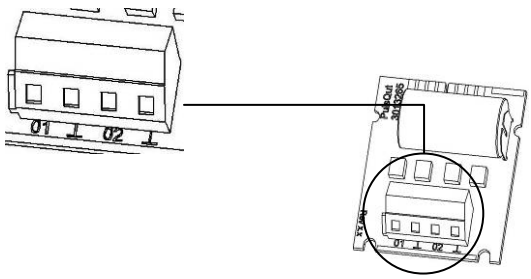

Fig. N Pulse output module