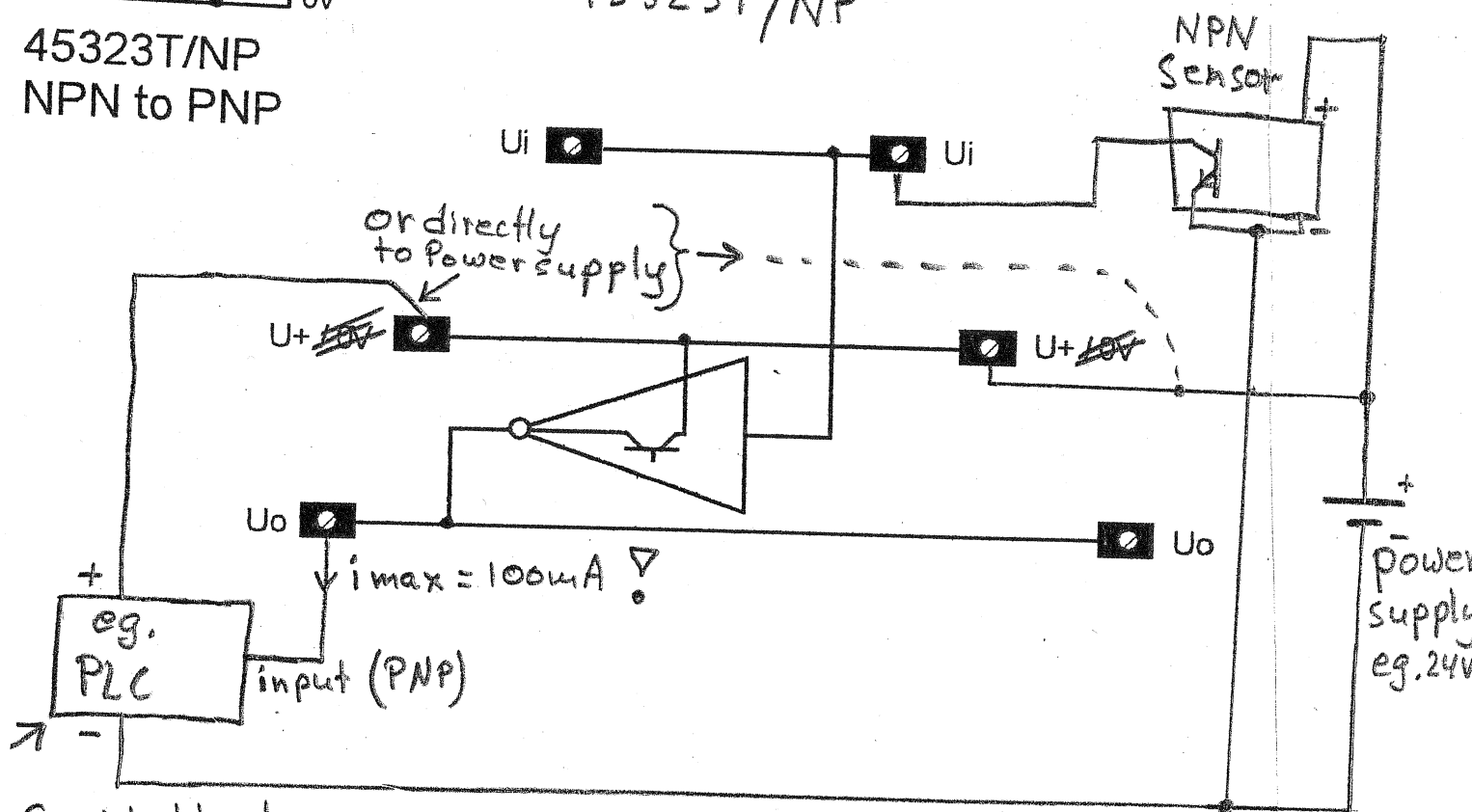
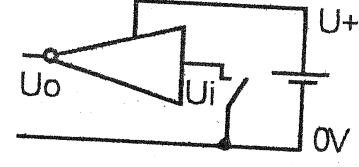


Typical use of the inverter 45323T/NP

45323T/NP
NPN to PNP



{ unit that receives the inverted signal }

Comments :

- The sensor must not leak current, but must switch distinctly on or off. This is important because the input of the inverter is high impedance and sensitive. If the sensor leaks current the input U_i might not be in the defined area and might cause problems. In such case the inverter can be made "less sensitive" by simply connecting a resistor between U_+ and U_i (eg. $2,2\text{ k}\Omega / 0,5\text{ W}$ when supply = 24V).
- The output current must not exceed 100µA (through U_o).
- The switched frequency should not be higher than 5kHz (res. load, DC = 50%, $i = 30\text{ }\mu\text{A}$; if higher current, other duty cycle or not resistive load, the frequency must be derated)