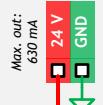
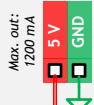


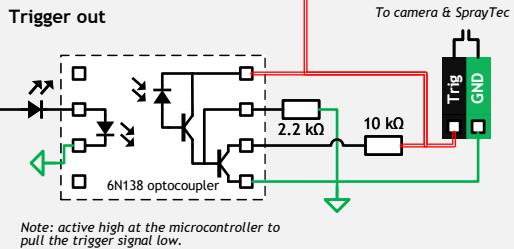
24 V power supply  
TRACO TBLC-15-124



5 V power supply  
TRACO TBLC-06-104

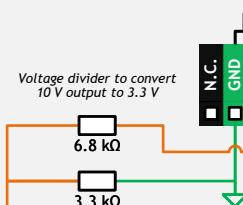


Trigger out



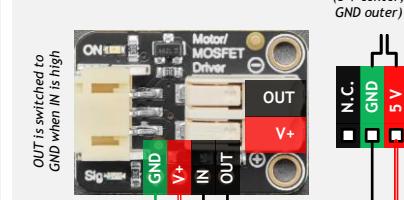
Droplet det. photodiode readout

To PDA BNC cable (?? Core mantle)

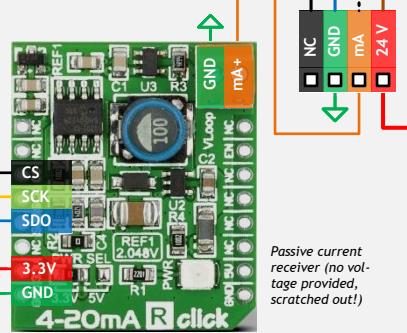


Droplet detection laser control

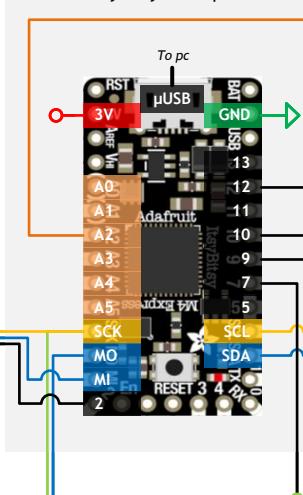
Adafruit MOSFET Driver



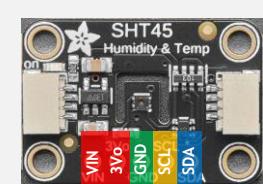
Pressure sensor readout  
MIKROE 4-20 mA R-click



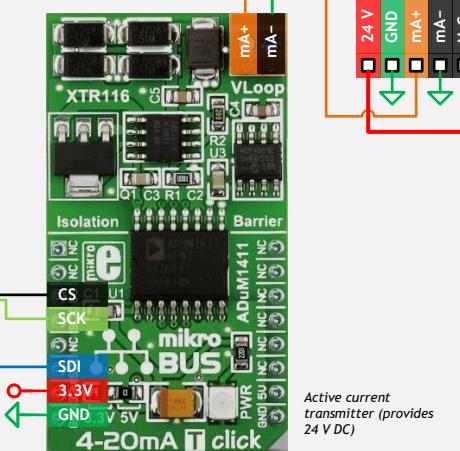
Microcontroller  
Adafruit ItsyBitsy M4 Express



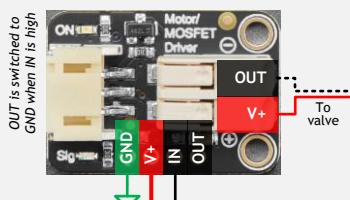
Humidity & temp. sensor  
Adafruit SHT45



Valve #2 control  
MIKROE 4-20 mA T-click



Valve #1 control  
Adafruit MOSFET Driver



DESCRIPTION

Wiring diagram Twente Cough Machine

DATE

2025-12-05

DRAWN BY

Tommie Verouden

URL

[github.com/TFLVerouden/cough-machine-control](https://github.com/TFLVerouden/cough-machine-control)

