BROOKS mass flow control

BROOKS

Pin connection

Number	PIN-D cable color	Description	Cable color in box	Arduino PIN
1	Green	Setpoint common	Brown	GND
2	Gray	Flow Signal 0-5 V	Green	A0
5	Red	Power Supply +13.5 to +27 VDC	-	-
8	Red-Blue	Setpoint Signal 0 - 5 V	Yellow	Pin 9
9	Black	Power Supply common	-	-
10	Brown	Flow Signal output common	Brown	GND
-	Aluminum mesh	Cable shield	Black	-

Custom cable

Arduino

USB Serial

Twofast-rpi3-4

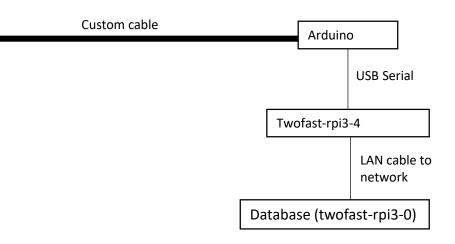LAN cable to network

Database (twofast-rpi3-0)

Table: *flow_meter_control*
Columns: (setpoint_voltage, id)

- Control is performed via the dash control, started via LTH_Neutimag\hkromer\17_github\dash_NG\NG_control_v2 and there the index.py with python 3.7.3. It is working in the conda environment "dash_readout", i.e. on the MPC2278