# Register AVR communicatie

**Sidenote:** Restarting or resetting the Arduino will reset the default values. Wrong inputs will be ignored.

## Arduino - > Centrale

[NUMBER] [VALUE]

1. Current Extend
   1. Current level of the “arm”. Default between 5 – 160
   2. Send every time the arm is done extending/retracting (or stopped)
2. Light Level
   1. Current level of light. Extends / retracts arm if over / under 125
   2. Measures every 30 seconds and send every 60 sec.
3. Temperature
   1. Current temperature. Extends / retracts arm if over / under 25 Celsius
   2. Measures average every 40 sec and send every 60.

## Centrale - > Arduino

[CODE] [VALUE]

1. Manual extend / retract toggle
2. Set Maximal extend level
   1. Cannot exceed below minimum
   2. Min 0
   3. Max 255
   4. Default 160
3. Set Minimum extend level
   1. Cannot exceed above maximum
   2. Min 0
   3. Max 255
   4. Default 5
4. Set Light level to toggle
   1. Min 0
   2. Max 255
   3. Default 125
5. Set temperature to toggle
   1. Min 0
   2. Max 255
   3. Default 25