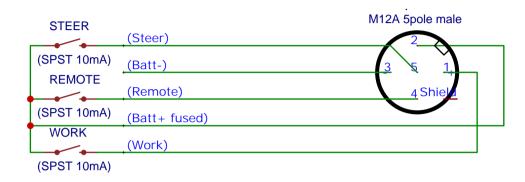


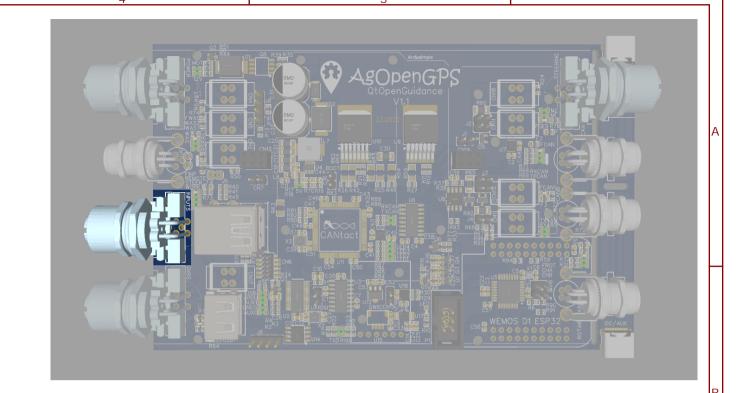
Connection for Control Signals



- Annotations:
 Steer signal will be automatically asserted when motor driver is powered if J7 is unfitted
 Remote and Work signals may be analog 0..15V if using the ESP32 option





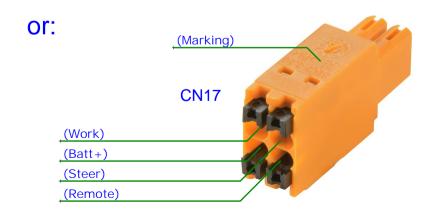




Cable M12-A male 4/5pole, e. g. weidmueller.com

SAIL-M12G-<u>5-1.5U</u> (945761<u>0150</u>)

5 pole 1.5m unshielded = 0150cm

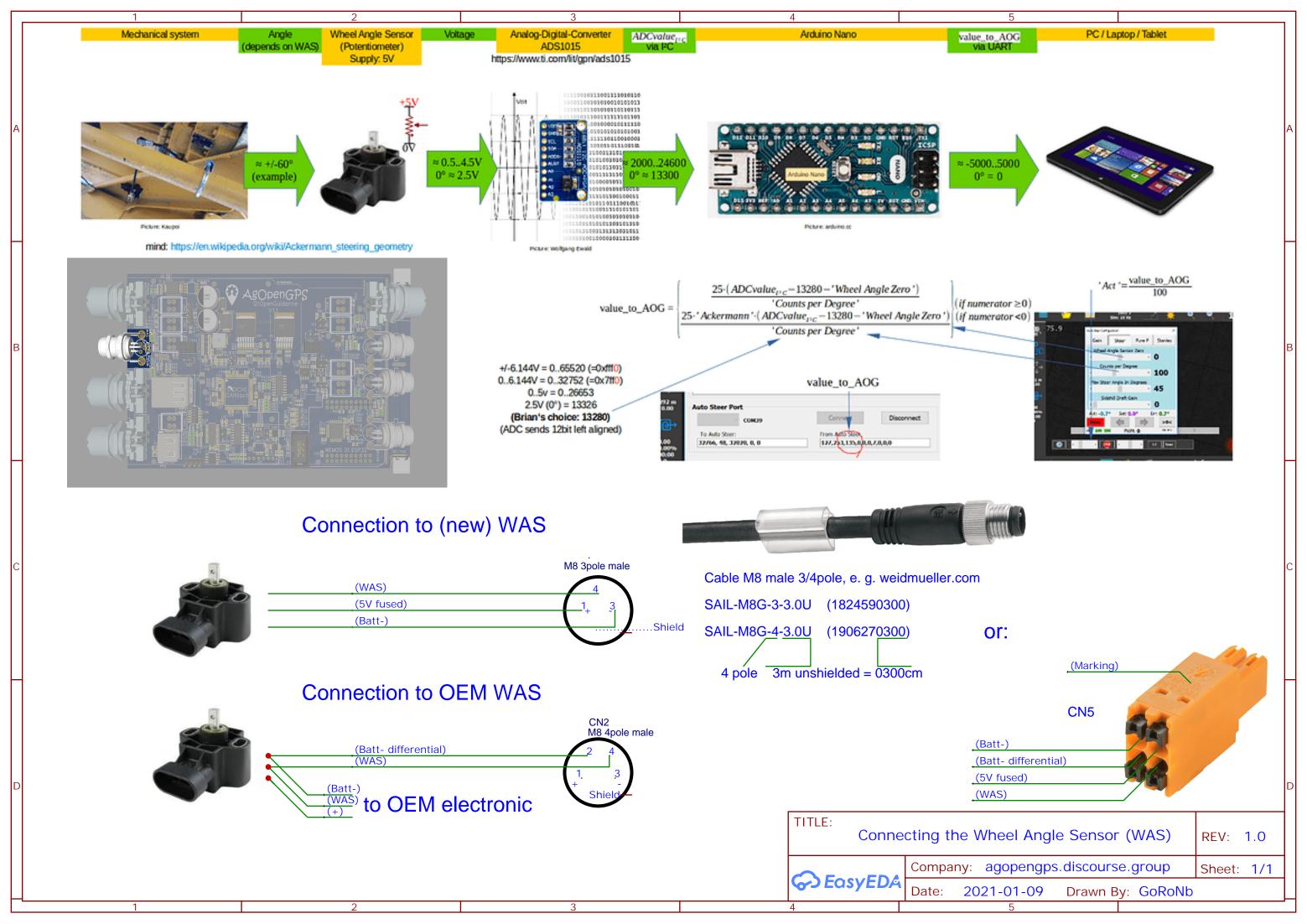


TITLE:			
	Connecting Power Socket	REV: 1	.0
		1	

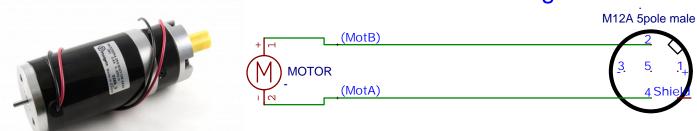
EasyEDA

Company: agopengps.discourse.group Sheet: 1/1

Date: Drawn By: GoRoNb 2021-01-09

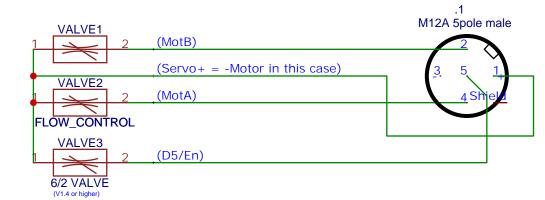




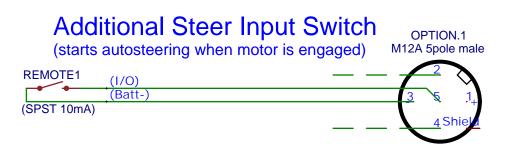


Connection to Hydraulic Valves

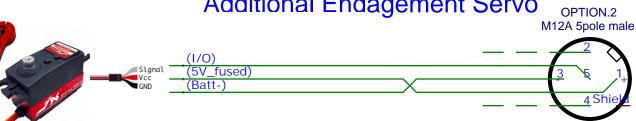


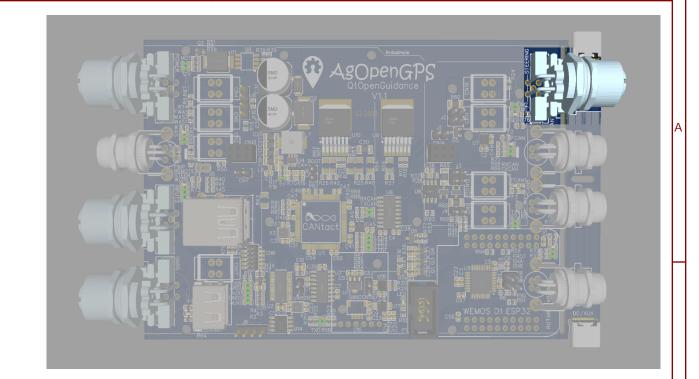






Additional Engagement Servo

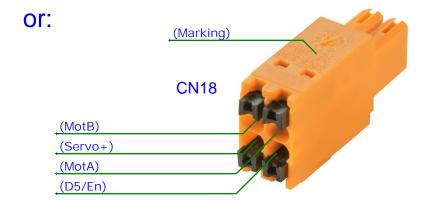






Cable M12-A male 4/5pole, e. g. weidmueller.com SAIL-M12G-<u>5</u>-1.5U (945761<u>0150</u>)

5 pole 1.5m unshielded = 0150cm



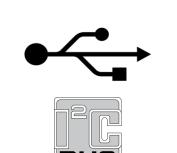
TITLE: **Connecting Motor or Valves** REV: 1.0

EasyEDA

Company: agopengps.discourse.group

Sheet: 1/1

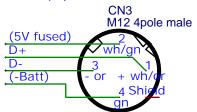
Date: Drawn By: GoRoNb 2021-01-09



USB* or I ² C**

(*) e. g. to Rooftop Unit

(**) remove R43 + R46 and connect I ² C to CN3











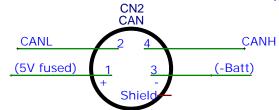
Cable M12D male-male 4pole, e. g. weidmueller.com

IE-C5DD4UG0030MCSMCS-E (1025950030)

4 pole 3m = 0030dm



Controller Area Network (CAN)



RS485 / ModbusRTU

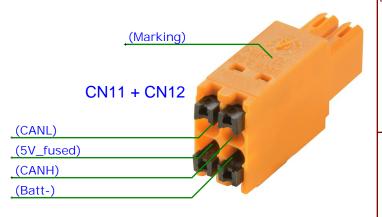
(5V fused)



Cable M8 male 4pole, e. g. weidmueller.com

SAIL-M8G-4-3.0U (1906270300)

3m unshielded = 0300cm



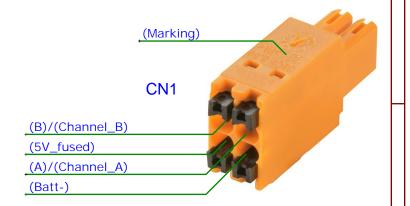
or:



Alternative: Rotary Encoder



(-Batt)



TITLE: **Bus Connections REV:** 1.0 Company: agopengps.discourse.group



Date: 2021-01-09

Drawn By: GoRoNb

Sheet: 1/1