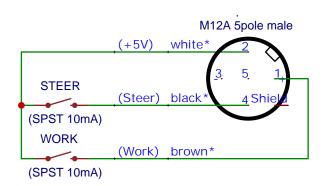
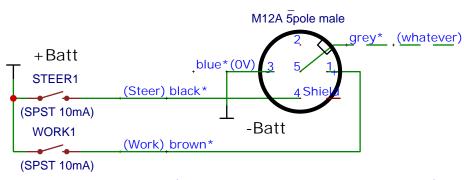


Connection for Control Signals





(work signal may be analog or digital)



M12 male cable



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

SAIL-M12G-5-1.5U (9457610150)

5 pole 1.5m unshielded = 0150cm (available in different lengths and further options)

TITLE:

Connecting Control Signals

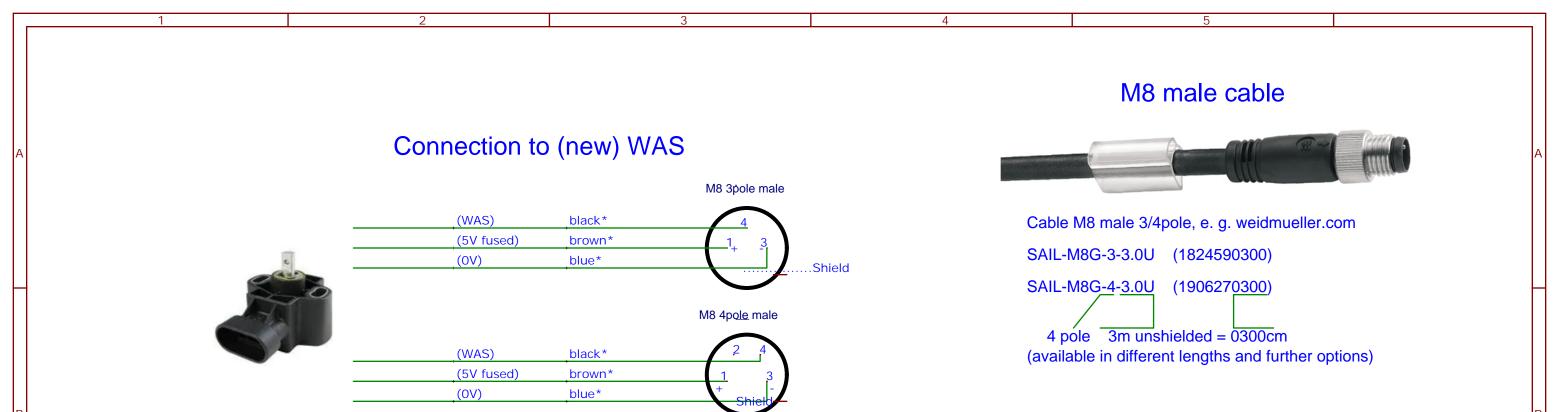
REV: 2.0

EasyEDA

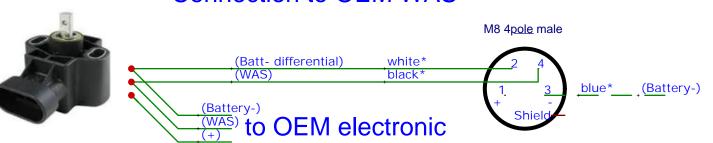
Companyhttps://discourse.agopengps.com Sheet: 2/6

Date: Drawn By: GoRoNb 2021-09-18

* = Weidm ü ller cable colors



Connection to OEM WAS



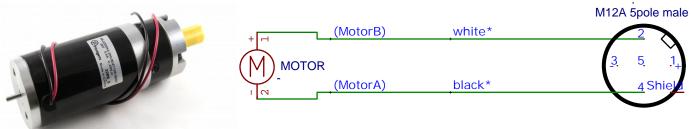
TITLE: Connecting the Wheel Angle Sensor (WAS) REV: 2.0

Companyhttps://discourse.agopengps.com Sheet: 3/6

Date: 2021-09-18 Drawn By: GoRoNb

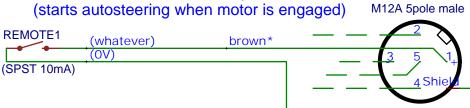
* = Weidm ü ller cable colors





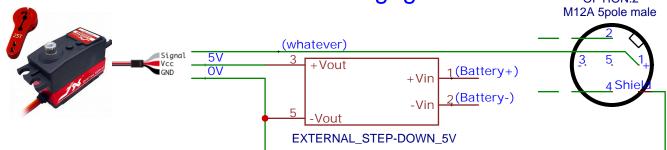


Additional Steer Input Switch (starts autosteering when motor is engaged)



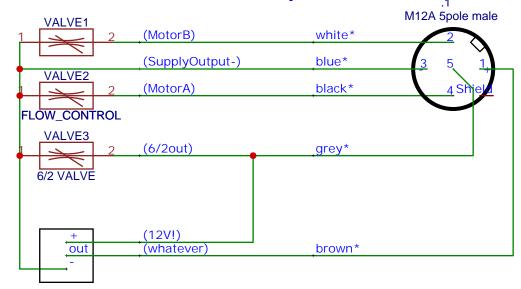
OPTION.1

Additional Engagement Servo



Connection to Hydraulic Valves





* = Weidm ü ller cable colors

Turn Sensor or Pressure Switch for disengaging

M12 male cable



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

SAIL-M12G-5-1.5U (9457610150)

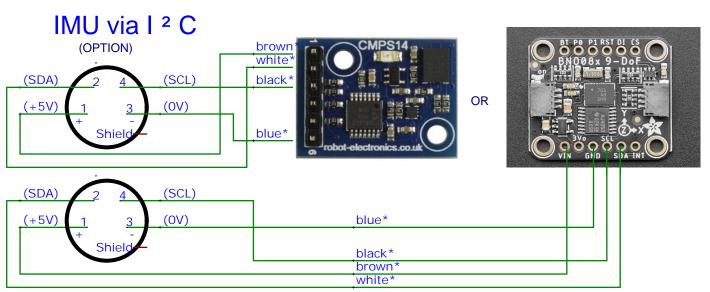
5 pole 1.5m unshielded = 0150cm (available in different lengths and further options)

TITLE: **Motor Connector** REV: 2.0

EasyEDA

Companyhttps://discourse.agopengps.com/ Sheet: 4/6

Date: 2021-09-18 Drawn By: GoRoNb



https://learn.adafruit.com/adafruit-9-dof-orientation-imu-fusion-breakout-bno085

Controller Area Network (CAN)

/OPTO-OUTPUT



CANL	white*		2	4	 black*	CANH
(Opto- or +5)	V)prown*	1		3	blue*	(Opto+ or OV)
close jumper for 5V			Shield		close jumper for 0V	

Alternative: Rotary Encoder

(EXPERIMENTAL)



Channel_B	white*	2	4	black*	Channel_A
(+5Vfused)	brown*	1	3	blue*(0\	<u>/)</u>
close jum	+ 5	- Shield	close jum	per for OV	

RS485 / ModbusRTU

EG_MACHINE_CONTROL



<u>(A</u>) white*	2	4	black* (B)
(+Battery)	brown*	_1	3	blue* (-Battery)
	·	Sh	nield	

M8 male cable



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

SAIL-M8G-4-3.0U (1906270300)

4 pole 3m unshielded = 0300cm (available in different lengths and further options)

TITLE: **Bus Connections** REV: 2.0

EasyEDA

Companyhttps://discourse.agopengps.com Sheet: 5/6

Date: Drawn By: GoRoNb 2021-09-18

* = Weidm ü ller cable colors

