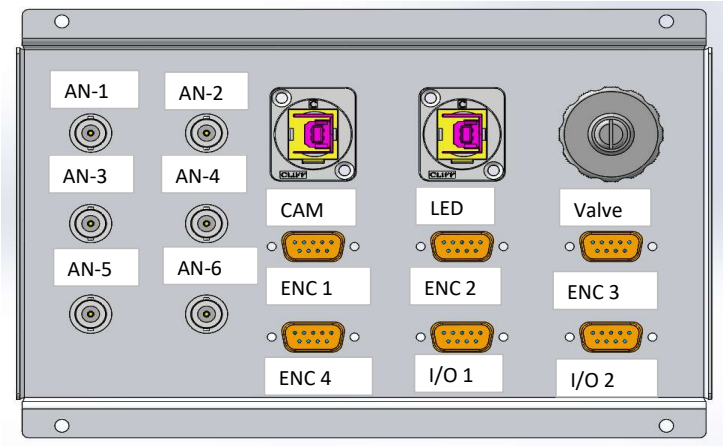
TUebot V3 Pinning tabel



AN-1	Motor R	0-2.5-5V	Input
AN-2	Motor X	0-2.5-5V	Input
AN-3	Motor Z	0-2.5-5V	Input
AN-4	Motor conveyor	0-2.5-5V	Input
AN-5	Motor vacuum	0-5V	Input
AN-6	Vacuum sensor	0-10V	Output
AN-7	V3 aanduiding	5V	Output

CAM	Camera
LED	LED ring

Valve	manual control vacuum flow

Digital OUT	pin	
I/O 1	1	GND
	2	Start
	3	Emergency stop
	4	Ready X
	5	Ready Y
	6	Ready Z
	7	Error X
	8	Error y
	9	Error Z
Digital IN	pin	
I/O 2	1	GND
	2	Enable (all drives)
	3	Valve signal 24vdc
	4	
	5	
	6	
	7	
	8	
	9	

ENC R	pin	
ENC 1	1	5vdc
	2	GND
	3	A
	4	A/
	5	B
	6	B/
	7	I
	8	I/
	9	shield

ENC Z	pin	
ENC 3	1	5vdc
	2	GND
	3	A
	4	A/
	5	B
	6	B/
	7	I
	8	I/
	9	shield

ENC X	pin	
ENC 2	1	5vdc
	2	GND
	3	A
	4	A/
	5	B
	6	B/
	7	I
	8	I/
	9	shield

ENC conve	pin	
ENC 4	1	5vdc
	2	GND
	3	A
	4	A/
	5	B
	6	B/
	7	I
	8	I/
	9	shield