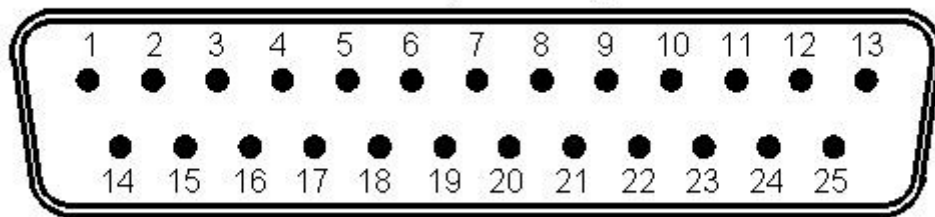


Sub-D Stecker (männlich) 25 Pole



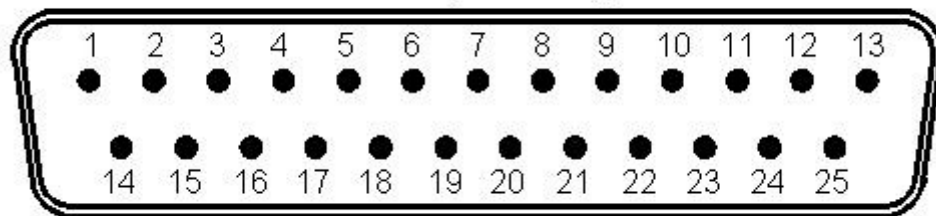
Sicht auf die Steckkontakte

(A) Above

Arduino-Mega Pin	Funktion
1. Relais 1	Switch always closed
2. Relais 1	Common
3. Relais 1	Switch always open
4. Relais 2	Switch always closed
5. Relais 2	Common
6. Relais 2	Always open
7. Unused	Unused
8. Unused.	Unused
9. Unused	Unused
10. +5V	+5V
11. I2C SCL	LCD-Display SCL
12. +5V	+5V
13. +12V Main Powersupply 14V Max.	
14. A4988 M1	Stepper Coil 1
15. A4988 M2	Stepper Coil 1
16. A4988 M3	Stepepr Coil 2
17. A4988 M4	Stepper Coil 2
18. Unused	Unused
19. Unused	Unused
20. Unused	Unused
21. A5	Endsensor / Lightbridge
22. GND	GND
23. I2C SDA	LCD-Display SDA
24. GND	GND
25. 12V GND	

Sicht auf die Seite mit den Anschlüssen.

Sub-D Stecker (männlich) 25 Pole



Sicht auf die Steckkontakte

(B) Under

	Arduino-Mega Pin	Funktion
1.	GND	GND
2.	RESET	RESET
3.	RESET	RESET
4.	A6	FFWD
5.	A7	FRWD
6.	A8	SFWD
7.	A9	SRWD
8.	A10	STSTART
9.	A11	ATSTOP
10.	A12	PTT Manual
11.	A13	MaxOUT (Min. Capacity)
12.	A14	Set to zero
13.	A15	Manual Calibration (Max. Capacity)
14.	GND	GND
15.	+5V	+5V
16.	GND	GND
17.	Unused	Unused
18.	Unused	Unused
19.	Unused	Unused
20.	Unused	Unused
21.	Unused	Unused
22.	Unused	Unused
23.	Unused	Unused
24.	Unused	Unused
25.	Unused	Unused

Cinch (Bidirectional Coupler)

A	A0	Reflected Voltage
B	A1	Forward Voltage