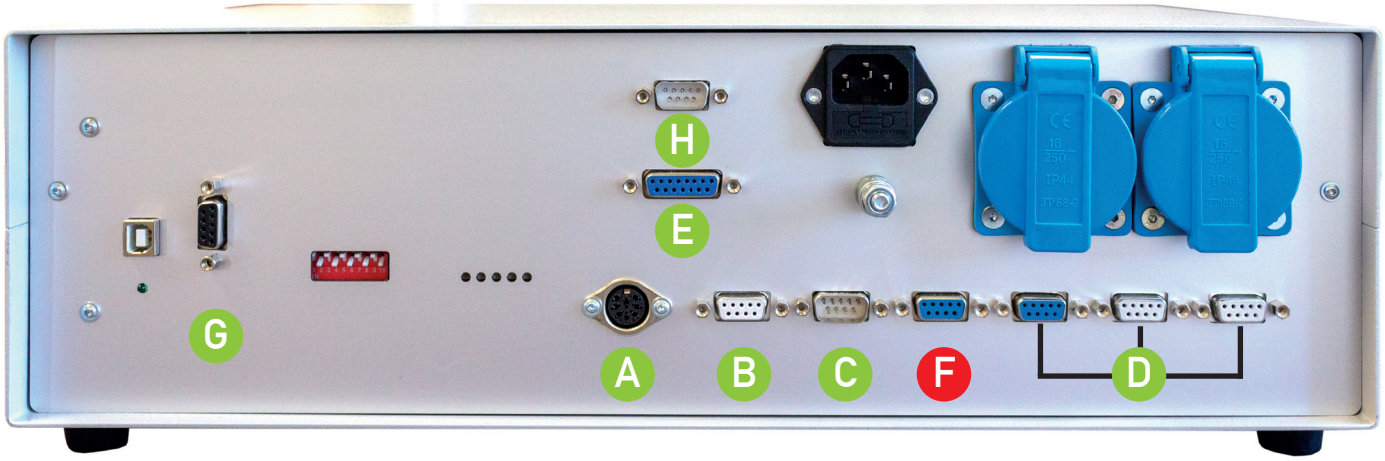
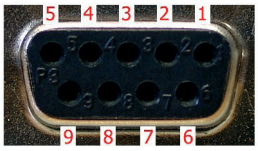
Automatisierungstechnik. CNC Maschinen.



A Tool Lenght-Sensor

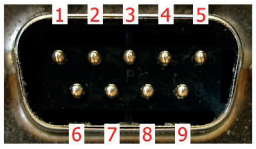
1		GND	WLS
3	Input	E4	

B Referenz-switch



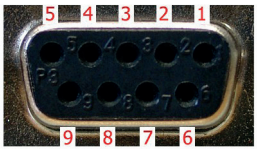
WH	3	Input Z-Achse	E3
YE	4	Input Y-Achse	E2
GN	5	Input X-Achse	E1
BN	8	GND	

C NOT-Stop ext. Start



1	NOT-STOP	
9	NOT-STOP	
3	ext. Start	
7	ext. Start	

D Axis X-Y-Z



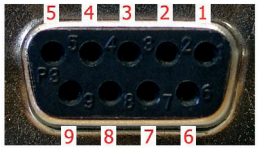
WH	1	Motor Winding	A
BN	2	Motor Winding	A-
GN	3	Motor Winding	B
YE	4	Motor Winding	B-

E Hood E/A-Port

	1	E12
	2	E14
	3	E16
	4	A5*
	5	A7
	6	A9
	7	A11
	8	24V
	9	E13
	10	E15
	11	GND
	12	A6
	13	A8
	14	A10
	15	A12

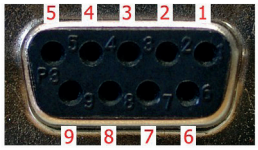
Pin 8 + 10
Hoodswitch

F Option A-Axis



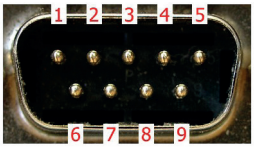
WH	1	Motor Winding	A
BN	2	Motor Winding	A-
GN	3	Motor Winding	B
YE	4	Motor Winding	B-
	7	Referenzswitch	E5
	8	Referenzswitch	GND

G Handwheel



WH	1	Not-Stop 1
	2	Communication
	3	Communication
GN	4	Not-Stop 2
YE	5	Not-Stop 2
BN	6	Not-Stop 1
	7	Communication
	8	Communication
	9	Communication

H Spindle-speed



1	Spindeldrehzahl	0-10V
2	Spindeldrehzahl	GND
3		
4		
5		
6	Versorgungs-spannung (max. 500mA)	+24V
7		
8		
9		