

Tabelle1

## PitchBox Peripheral Diver Unit Connections

Valid for Driver Units PDU0401

To PitchBox Computer (Relay connector side)

Pin #	DSUB15	Colour	Function	Description
1	1 & 9	Blue & Purple	GND	Main Ground (0V)
2	2 & 3	Red & Pink	UB	Main Power (+24V)
3	4	Brown/Green	HL_C	Headlift Optocoupler Collector
4	5	Yellow/Brown	HL_E	Headlift Optocoupler Emitter
5	15	White/Green	LDIN	Leadin Diameter Switch
6	8	Green	END	End Diameter Switch
7	9	Black	V_GND	Vertical Ground
8	10	White/Yellow	V_FB	Vertical Feedback
9	11	White	V_DR	Vertical Drive
10	13	Brown	T_GND	Servo Tacho Ground
11	14	Red/Blue	T_IN	Servo Tacho Signal
12	6 & 7	Grey & Yellow	MOTOR	Servo Motor Output

To Cutting Lathe (12 &amp; 4 pin connector side)

Pin #	Color	Function	Description
1		VERT+	Depth Coil +
2		VERT-	Depth Coil -
3		LDIN	Leadin Diameter Switch
4		END	End Diameter Switch (NO or NC)
5		HS	Halfspeed
6		HEAT_GND	Stylus Heating Ground
7		DOWN	Head Down Switch
8		HEAT-	Stylus Heating -
9		UH	Stylus Heating Power (+12V)
10		HL-	Headlift Release
11		UB	Main Power (+24V)
12		GND	Main Ground (0V)

To Servo Motor

Pin #	Function	Description
1	MOTOR	Servo Motor Drive
2	GND	Servo Motor Ground
3	TACHO	Servo Tacho Signal
4	T_GND	Servo Tacho Ground