

Technical data

Interface for systems produced by other manufacturers

(sold only with software)

This device enables you to control switching high-frequency spindles on and off and to control the speed by way of software.

Further functions of the NEW interface for external devices include.

- Signals are now prepared by a Schmitt-trigger. This eliminates the problem caused by a too low voltage at the LPT interface of new PCs.
- Due to the external power supply (connector supply) the interface does not depend on the port voltage.
- Software-controlled current reduction.
- Interface connector (Now the cutting transformer or the high-frequency converter can be driven).
- 2 relay outputs (Previously only 3 axes and 2 relays could be driven. For a cutting device it was therefore not possible to drive relays.)
- The relay outputs are now directly driven by the PIC.

PIN-setting:

1	INHIBIT	gets HIGH when starting the software
2	Pulse X (XA)	
3	Direction X (XA)	
4	Pulse Y (YA)	
5	Direction Y (YA)	
6	Pulse X2 (XB)	
7	Direction X2 (XB)	
8	Pulse Z (YB)	
9	Direction Z (YB)	
10	+5V	
11	Current reduction	active HIGH
12	Z-reference switch	
13	Tool test switch	
14	+5V	
15	X/Y-reference switch	
16	Relay 1	max. 10mA current output
17	Relay 2	max. 10mA current output
18-25	GND	