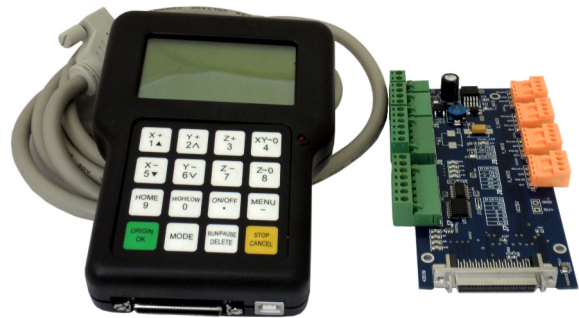


MO-CON501 CNC Pendant Controller

The MO-CON501 CNC Pendant Controller with built-in DSP (digital signal processor) reads G-code or PLT programs (text file) from a USB memory stick or its internal memory. The controller then converts it into an output signal to the motor drives. It also provides digital outputs to control a spindle motor (up to 16 speeds).

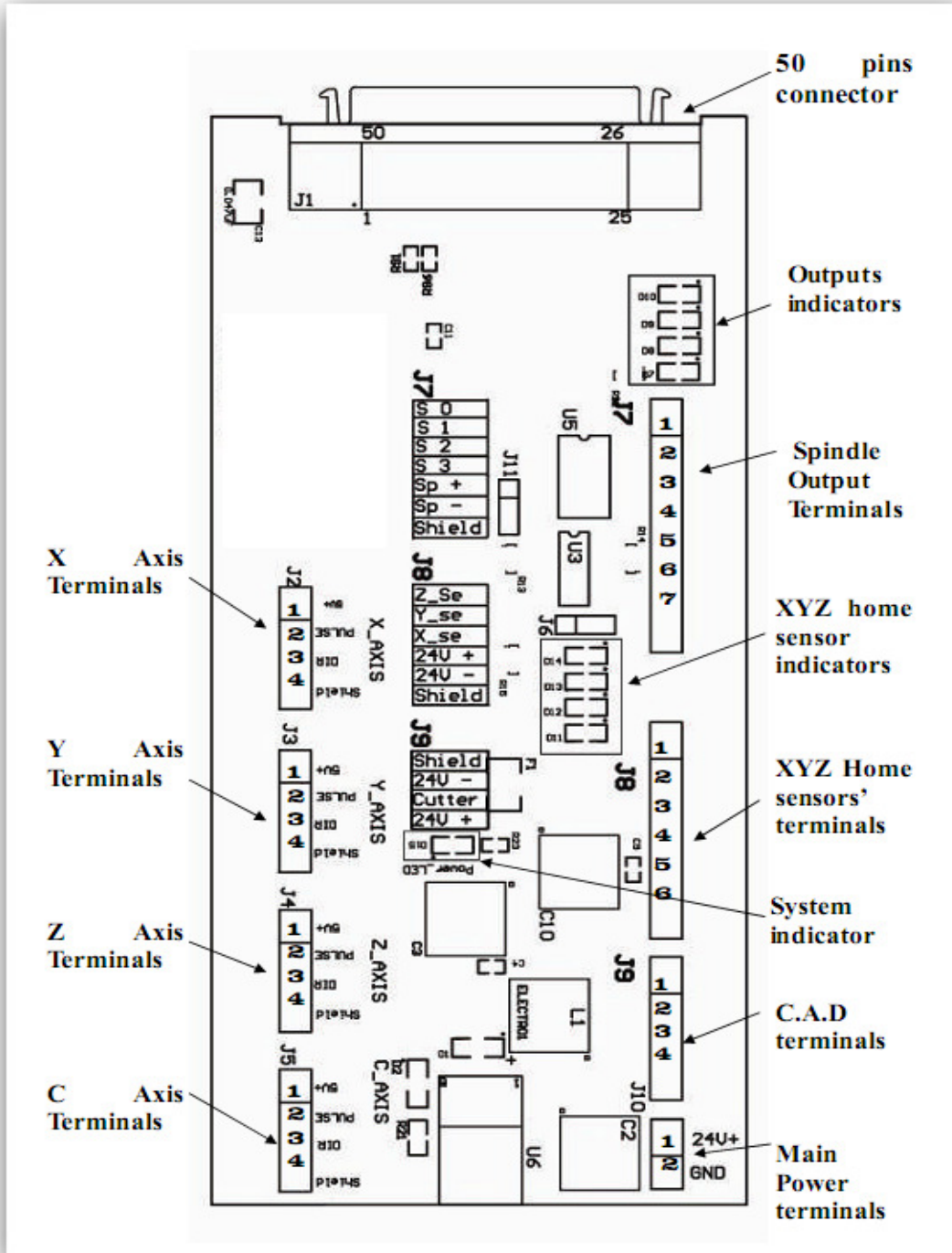
The MO-CON501 also accepts inputs from up to 3 limit switches and can supply power to 3 proximity sensors. It also has an input to allow automatic setting of the Z-axis (after tool changes).



Technical Specifications

Contents	Specification	Contents	Specification
Operating Temperature Range	0°C to +70°C	Relative Humidity	< 90 %
Output Voltage	5 V	Power Consumption	2 W
Language	English	Dimensions (mm)	156 x 110 x 38
Processor	160M DSP	No. of Axes	3
Display	LCD with 128 by 64 dot matrix, Back lit screen	Communication Terminals	USB terminal and USB memory stick
File Format	G-code, PLT files (supports most Fanuc post processing)	File Memory	128Mb internal memory. It can also support files of a larger size as it can read direct from a USB memory stick (up to 1GB)
Help Function	On screen help information and guide	Drive System	Stepper motors, brushed/brushless servo motors (pulse & direction)
Operating Interface	Menu driven key pad	Cutter Adjustment function	Yes (auto Z-axis set function)
Interpolation function	Polar and circular interpolation	System Data Inspect Function	Yes (reports programme errors)
Spindle Control Function	Yes (16 combination binary output)	Processing Position Adjustment Function	Yes (ability to adjust Z-axis when paused)
Processing Data Inspection Function	Yes (displays full programme on screen)	Stop Point Reprocessing Function	Yes (programme resume)
Multi Working Coordinates	It has 10 working coordinates (origin points)	Data protection when power off	Yes (saves programme line no. when power is cut to allow programme to resume from this line)
Copy Processing Function	Yes		

Wiring Diagram



NB - If you are not sure which model you should purchase with, please contact our technical sales for advice before placing your order. Telephone - 44 (0)1202 599922

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