

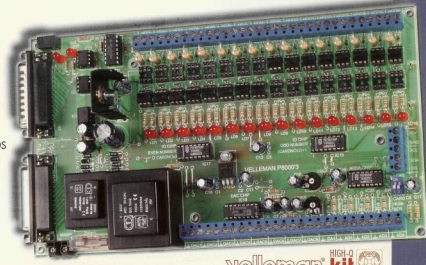


COMPUTER INTERFACE BOARD

www.velleman.be

K8000/K8000U interface system

- Optically isolated from computer
- 16 optically isolated digital inputs/outputs
- 9 analogue outputs, including one high precision output
- 4 analogue inputs
- A simple way of controlling using Turbo Pascal, C++, Qbasic for DOS and using Visual Basic for Windows
- Printer by-Pass connector on board
- Simple connection with printer port



KIT version! Check www.velleman.be for latest updates

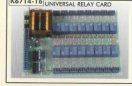
velleman-kit



SPECIFICATIONS K8000/K8000U

- DIGITAL OUTPUTS**
- Light-coupled, open collector output - 50mA - Max. 30VDC.
- DIGITAL INPUTS**
- Light-coupler input - 5V5mA, Max. 20V/40mA.
- ANALOGUE OUTPUTS**
- 8 outputs DAC1 to DAC8, resolution - 64 steps.
 - Minimum output voltage - 0.1V at 2mA.
 - Maximum output voltage - 11.5V adjustable at 2mA.
 - Resolution per step from 0.1 to 11.5V - 140mV +/- 1%.
 - 1 precision output DAC, resolution - 256 steps.
 - Minimum output voltage - 0V.
 - Maximum output voltage - 4.5V adjustable at 0.5mA.
 - Resolution per step from 0 to 4.5V - 17.5mV.

- ANALOGUE INPUTS**
- 4 analogue inputs AD1 to AD4, resolution - 256 steps.
 - Maximum input voltage - 0V.
 - Resolution - 1%.
- COMMUNICATION PROTOCOL - PC BUS**
- LED indication for each I/O.
 - 25 pin D series connector for computer.
 - 25 pin D series connector for printer.
 - Supply voltage - mains supply voltage.
 - PCB dimensions - 237 x 133mm.



velleman-kit
made in Belgium