

Bench Power Supply

Programmable, 30V, 3A, 1CH, USB, RS232

multicompPRO



Features:

- Complete digital control
- Industrial grade, with load for a long time
- Encoder-controlled fine & coarse adjustment
- Intelligent temperature-controlled fan
- Compact design
- Constant current & constant voltage
- Current preset
- 4-digit display
- 10mV / 1mA high accuracy and resolution
- Low noise and ripple
- Knob Lock function to avoid improper operation
- Interfaces : USB and RS232

Specifications

Voltage Range / Current Range	0-30V / 0-3A	
Load Regulation	Voltage : $\leq 0.01\%$ +2mV / Current : $\leq 0.1\%$ +5mA	
Line Regulation	Voltage : $\leq 0.01\%$ +3mV / Current : $\leq 0.1\%$ +3mA	
Setup Resolution	Voltage : 10mV / Current : 1mA	
Setting accuracy (25°C $\pm 5^\circ\text{C}$)	Voltage : $\leq 0.5\%$ +20mV / Current : $\leq 0.5\%$ +5mA	
Ripple (20hz - 20M)	Voltage : $\leq 1\text{mVrms}$ / Current : $\leq 3\text{mA}_{\text{rms}}$	
Temperature Coefficient	Voltage : $\leq 150\text{ppm}$ / Current : $\leq 150\text{ppm}$	
Read Back Accuracy	Voltage : 10mV / Current : 1mA	
Read Back Temperature Coefficient	Voltage : $\leq 150\text{ppm}$ / Current : $\leq 150\text{ppm}$	
Reaction Time (10% Rated load)	Voltage : $\leq 100\text{mS}$ / Current : $\leq 100\text{mS}$	
Operation Environment	Indoor use Altitude : $\leq 2,000\text{m}$ Ambient temperature : 0 to 40°C Relative humidity : $\leq 80\%$	
Interfaces	USB, RS232	
Accessories	User manual	
	Power cord	UK plug + EU plug, Diameter: 0.75mm ² \times 3, length: 1.2m
	USB cable	USB cable length 1.5m, USB2, AM to BM
Weight and Dimension	3.62kg / 110mm(W) \times 156mm(H) \times 260mm(D)	
Storage Environment	Ambient temperature : -10°C to +70°C Relative humidity : $\leq 70\%$	

Note: Input Voltage : 230V

Part Number Table

Description	Part Number
Bench Power Supply, Programmable, 30V, 3A, 1CH, USB, RS232	72-2705

Important Notice : This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
sg.element14.com/b/multicomp-pro

multicompPRO