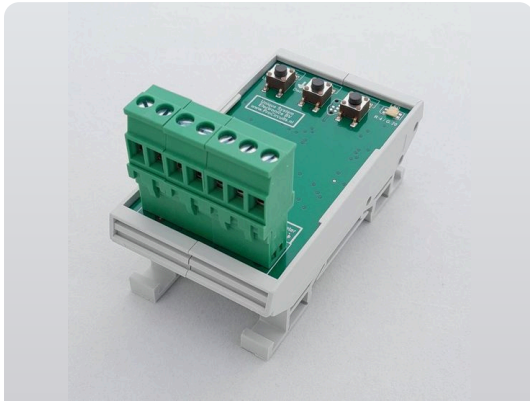


Pulse contact to 0-5 V converter, push-button setup

Article number PR100s09



The PR100s09 converts the signal of a pulse contact or switch between terminals 6 and 7 into a 0-5 V DC voltage signal. Both states are stored with the push buttons: contact closed, press the button for 5 V; contact open, press the button for 0 V. Fine adjustment of the output by hand remains possible afterwards. The output is not galvanically isolated: the output minus is internally connected to the supply minus.

Price on request. Lead time on request. Not in stock? We will make it.

Specifications

Supply	12 and 24 V DC, operating range 11 to 30 V DC
Input	Pulse contact or switch between terminals 6 and 7
Output	0-5 V DC
Isolation	Not isolated: the output minus (terminal 4) is internally connected to the supply minus (terminal 2)
Setup	Three push buttons and a green LED
Ambient temperature	0 to 55 °C
Dimensions	Board 43 x 72 mm
Mounting	DIN rail holder, supplied as standard

Connections

Terminal 1	Supply plus, 12 or 24 V DC
Terminal 2	Supply minus, also common ground for the analogue signals
Terminal 3	0-5 V output plus
Terminal 4	0-5 V output minus, internally connected to terminal 2
Terminal 5	Not used
Terminal 6	Pulse contact plus: one side of the switch
Terminal 7	Pulse contact minus: other side of the switch

Setup

1. Set up the module when it is first connected and every time you use a different pulse contact.
2. Connect the pulse contact or switch between terminals 6 and 7, and the output to terminals 3 and 4.
3. Apply 12 or 24 V DC to terminals 1 and 2. The green LED lights continuously.
4. Hold button 3 for four seconds. The LED flashes green: the module is in programming mode.
5. Close the pulse contact or activate the switch, for an output of 5 V. Hold button 2 for four seconds. The LED flashes quickly for two seconds.
6. Leave the pulse contact open or release the switch, for an output of 0 V. Hold button 1 for four seconds. The LED flashes quickly for two seconds.
7. Hold button 3 again for four seconds to save. The LED flashes quickly for two seconds and then lights green continuously. The module is ready for use.
8. To restore the factory settings: disconnect the supply, hold button 2 and reconnect the supply. If the green LED flashes briefly and quickly, the module has been reset.

More information, price and lead time: www.procircuits.nl/en/products/pr100s09

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