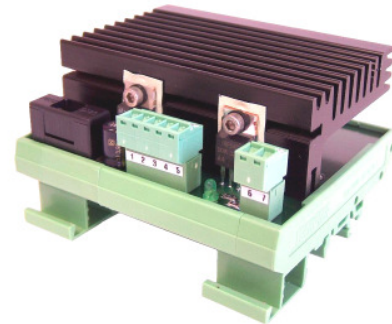




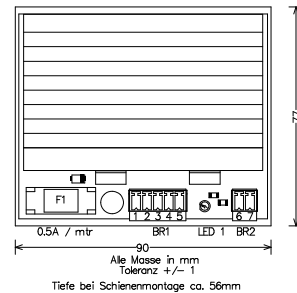
Controllable constant current source PR0055

The module serves for the conversion of analog input signals (0-10V/ 0-20mA/4-20mA depending on option) to output signals 0-200mA. There are also options for the usage as fixed current source without input signals.

Application ranges e.g. activation of proportional valves with a higher performance.



The module is to be connected over screwable connector plugs and designed for top hat rail mounting (35mm).

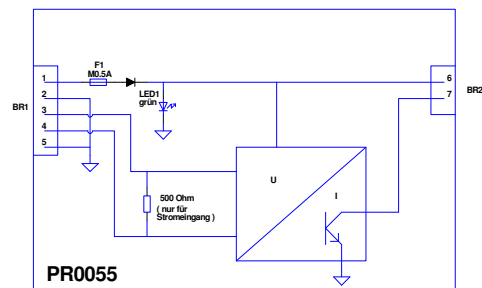


Technical data:

- Output current 0-200mA
- Reaction time <1ms
- Input difference 10V
- Input levels on negative input +/- 20V compared to 0V feed-in
- Dissipation loss max. 3W
- Current drain app. 30mA (without demand)
- Fuse protection 0,5A MT

The input level of the negative input may range between -20V and + 20V compared to the input of 0V. This ensures a higher interference resistance if errors, arising from e.g. differences in the potential between control output and control input of the PR0055 appear.

The actual control voltage corresponds to the difference between the positive input (pin 3) and the negative input (Pin 4). The linear range stretches from 0...10V or respectively 2...10V, depending on the model. For the assembly group with current input, this equals a range from 0...20mA or respectively 4...20mA.



Dimensions

- Length: app. 90mm
- Breadth: app. 77mm
- Height: app. 56mm

Power supply

- 10V....28V DC (+/-10%); reverse-polarity protected

Weight: app. 150g