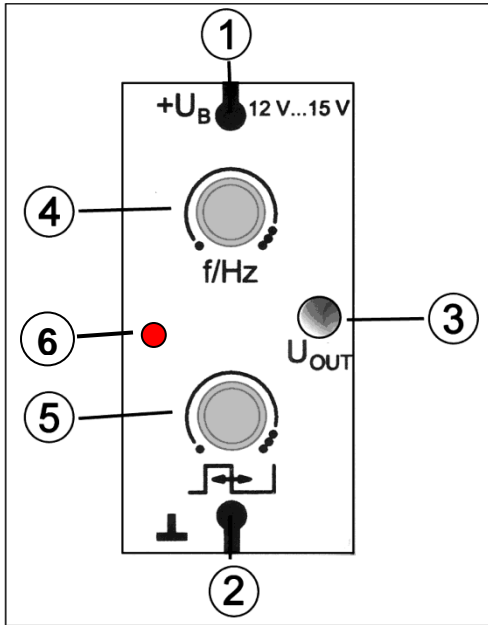


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Simulation ABS/Ti, STE 2/50



- ① Supply voltage connection
- ② Ground connection
- ③ Signal output
- ④ Output frequency setting
- ⑤ Duty cycle setting
- ⑥ LED display

1 Description

Plug-in element to generate a square-wave signal with adjustable frequency and duty cycle for the simulation of ABS signals (speed) or injection time signals (T_i).

The following parameters can be set:

- ABS signal
- Injection time

Safety note

- Before initial operation, make sure all ground connections are plugged in!
- Only operate the device with an appropriate power supply.
- Make sure all connections are correct.

2 Application

This signal simulator is particularly well suited for the vehicle's control units **Automatic Drive**, 739 600, **Cruise Control**, 739 350 or **Servotronic**, 739 500 to provide the ABS or injection time signals if the corresponding original control units are not available.

It also lends itself to generating the speed signal for the **Instrument Cluster Unit**, 739 6021, the **Tachometer/Speedometer digital**, 739 6023 and the **Cornering Light**, 738 113.

3 Technical Data

- Operating voltage: $U_B = +12$ to $+15 V_{\pm}$
- Output signal: square-wave
- Output amplitude: $U_{max} = +12$ to $+15 V_{\pm}$
- Output frequency range: 1 Hz to 1.200 Hz
- Duty cycle: 1 % to 99 %
- Rating: $I_{max} = 100$ mA