

# Belt Simulator

Type KCD11369

## For Simulation of Vehicle Dynamics

### Description

The belt simulator is designed to simulate vehicle movement in a single axis. It provides a fast, easy way to check optical sensors for proper operation prior to mounting on the test vehicle.

### Operating Overview

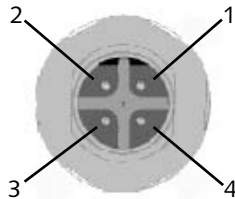
- When using the belt simulator, it is important to note that measured movement is opposite the belt-run direction
- When mounting a sensor on the simulator, always observe the recommended sensor standoff range, as specified in the sensor user manual
- Belt speed is controlled by the rotary knob located on the top surface of the Simulator. Turn the knob clockwise to increase speed, counterclockwise to decrease speed
- Voltage is supplied via the included power supply cable, which is connected to any 12 V vehicle electrical system (using the cigarette lighter) or other 12 V supply device. Pre-fuse 6,3



### Pin Assignments

Power 4 pin Binder, male

- Pin 1: +UB
- Pin 2: +UB
- Pin 3: GND
- Pin 4: GND



### Safety instructions

Do not touch the moving belt. Risk of contusion and abrasion!

### Guarantee

Manufacturer's guarantee is in accordance with conditions specified by the ZVEI (Federation of the German Electrical Industry). The belt component is subject to wear and therefore excluded from guarantee. Replacement belts are available from the manufacturer ([www.kistler.com](http://www.kistler.com)).

### Ordering Code

- Belt simulator

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