



Belt Simulator

for Simulation of Vehicle Dynamics

The CORRSYS-DATRON Belt Simulator is designed to simulate vehicle movement in a single axis. The Belt Simulator provides a fast, easy way to check CORRSYS-DATRON optical sensors for proper operation prior to mounting on the test vehicle.

Operating Overview:

- When using the CORRSYS-DATRON 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.

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 CORRSYS-DATRON Sensorsysteme GmbH.



© 2008 CORRSYS-DATRON Sensorsysteme GmbH
Beltsimulator_d-218-e-rev001 10/08

CORRSYS-DATRON
www.corrsys-datron.com

International Headquarters
CORRSYS-DATRON Sensorsysteme GmbH
P.O. Box 1349 • 35523 Wetzlar / Germany
Phone: +49-6441-9282-0
Fax: +49-6441-9282-17
e-mail: sales@corrsys-datron.com

North American Headquarters
CORRSYS-DATRON Sensorsystems Inc.
40000 Grand River, Suite 503 • Novi, MI 48375 • USA
Phone: 248-615-2035 • Toll-free: 800-832-0732
Fax: 248-615-2184
e-mail: USA-sales@corrsys-datron.com

Chinese Headquarters
CORRSYS-DATRON Sensorsysteme GmbH - China
Room 610, JinTianDi International Mansion,
No. 998 RenMin Road, Shanghai (200021), P.R.China
Phone: ++86-21-63114144 • Fax: ++86-21-63114154
e-mail: Xiaoying.Li@corrsys-datron.com.cn

Article no. 11369

In a continuous effort to improve our products, CORRSYS-DATRON reserves the right to change specifications without prior notice.