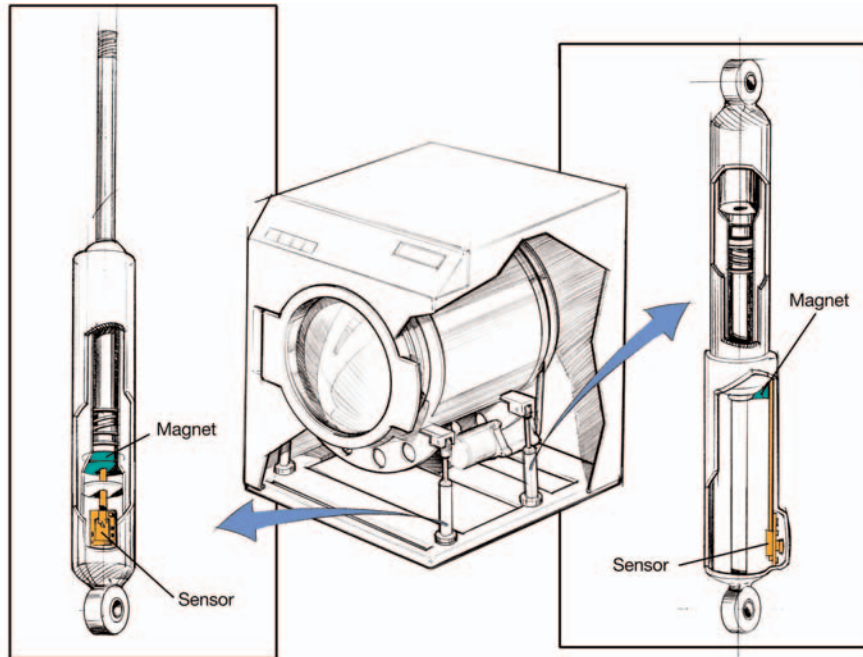


Application Idea



MTS Temposonics Linear-Position Sensors for Damper Control

Front load washing machines can add useful feedback for load measurement and active damper control, such as with magneto-rheological dampers. By measuring damper compression, loading can be determined and, during operation, drum concentricity or off center behavior can be calculated by measuring damper extension or retraction. Active adjustment to the damping rate can help control eccentric behaviour.

MTS can supply a complete, custom designed sensor to fit inside dampers or other actuation devices. Or a sensor component can be supplied to allow the user to more fully integrate the sensor in machine mechanisms and its electronics within the machine controllers.

All specifications are subject to change. Please contact MTS for specifications that are critical to your needs.

Part Number: 04-05 550885 Revision C
MTS and Temposonics are registered trademarks of MTS Systems Corporation.
All other trademarks are the property of their respective owners.
All Temposonics sensors are covered by US patent number 5,545,984.
Additional patents are pending.
Printed in USA. Copyright © 2005 MTS Systems Corporation. All Rights Reserved.

UNITED STATES
MTS Systems Corporation
Sensors Division
3001 Sheldon Drive
Cary, NC 27513
Tel: (800) 633-7609
Fax: (919) 677-0200
(800) 498-4442
www.mtssensors.com
sensorsinfo@mts.com

GERMANY
MTS Sensor Technologie
GmbH & Co. KG
Auf dem Schüffel 9
D - 58513 Lüdenscheid
Tel: +49 / 23 51 / 95 87-0
Fax: +49 / 23 51 / 56 491
www.mtssensor.de
info@mtssensor.de

JAPAN
MTS Sensors Technology
Corporation
Ushikubo Bldg.
737 Aihara-cho, Machida-shi
Tokyo 194-0211, Japan
Tel: +81 (42) 775 / 3838
Fax: +81 (42) 775 / 5512
www.mtssensor.co.jp
info@mtssensor.co.jp