

Temposonics®

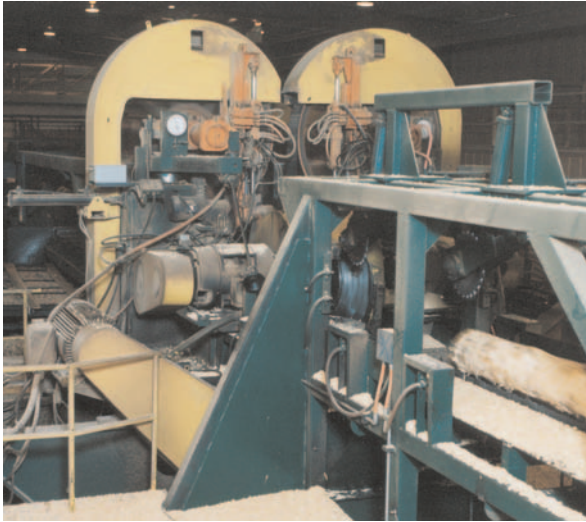
Magnetostrictive Linear-Position Sensors



Primary Woodworking - Sawmills

550851 B

Application Idea



MTS Temposonics sensors are designed and built to withstand the rigors of sawmill applications. So effective are Temposonics sensors in withstanding the high shock and vibration and extreme environmental conditions inherent in this rugged application, they have been the industry standard for over 23 years. Here, our products enable the industry to optimize its production capabilities through higher speed and superior accuracy and controls.

Overview

Application:

Position feedback for hydraulic cylinders used to position saws/logs.

Benefits:

- Superior response and accuracy result in higher machine performance and minimized raw timber waste.
- Rugged, reliable construction allows for use in a wide range of environmentally harsh conditions.
- High shock and vibration tolerance and superior EMI and noise immunity ensure trouble free operation.
- Replaceable sensing element eliminates the need to drop hydraulic pressure or break hydraulic seal (sensor models GH and RH).

Sensors Used:

- Temposonics G and R-Series (both rod and profile) style sensors.

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

Part Number: 08-05 550851 Revision B

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