

Temposonics®

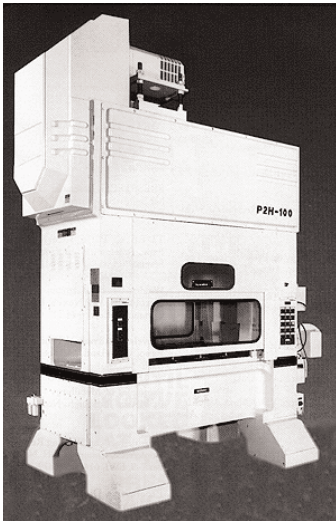
Magnetostrictive Linear-Position Sensors



Die Casting

550857 B

Application Idea



Because of the extremely high shock loads experienced in this application, long term durability is an issue for any feedback sensor. Admittedly one of our harshest applications, MTS Temposonics sensors have been providing reliable position feedback for nearly eighteen years. Today, as manufacturers and users demand better part quality, repeatability and shorter cycle times, our sensors are favored because of their high resolution and additional feedback variables such as velocity.

Overview

Application:	Position feedback of ram (large diameter hydraulic cylinder) that forces metal into the mold.
Benefits:	<ul style="list-style-type: none">• Superior response and accuracy mean higher machine performance and part quality.• Rugged, reliable construction results in reduced maintenance and downtime.• High shock and vibration tolerance ensures trouble free operation.• Higher temperature tolerance reduces the need for special installations thereby reducing machine design costs.
Sensors Used:	<ul style="list-style-type: none">• Temposonics G and R-series (both rod and profile style) sensor models.

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

Part Number: 08-05 550857 Revision B
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All Temposonics sensors are covered by US patent number 5,545,984.
Additional patents are pending.
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