

Temposonics®

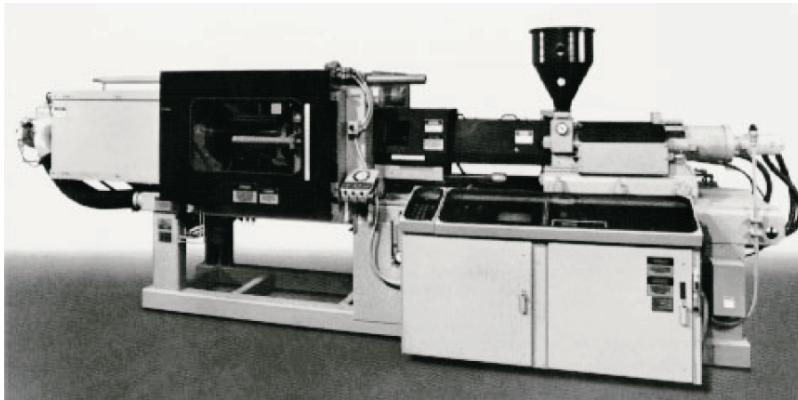
Magnetostrictive Linear-Position Sensors



Plastic Machine Retrofits

550852 B

Application Idea



In an industry where we have long provided reliable, high performance position feedback, MTS Temposonics sensors are often utilized to bring new life to older equipment. Whether it be to replace potentiometers or multiple mechanical limit switches with linear feedback, we have the right solution for your application. Our multiple position output sensors can also be used to reduce the typical injection molding position sensor requirement from four to two thereby reducing retrofit costs.

Overview

Application: Replacing linear potentiometers and mechanical limit switches on plastic injection molding machines.

- Benefits:**
- Superior response and accuracy result in higher machine performance, part quality and reduced cycle time.
 - Temposonics sensors offer rugged, reliable construction resulting in longer operating life when compared to potentiometers.
 - Linear-position sensor design actually reduces setup time when compared to mechanical limit switch setup.
 - High shock and vibration tolerance and superior EMI and noise immunity ensure trouble free operation.

- Sensors Used:**
- Temposonics EP, G-Series 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 550852 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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