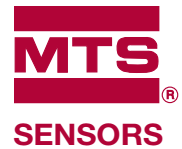


Temposonics®

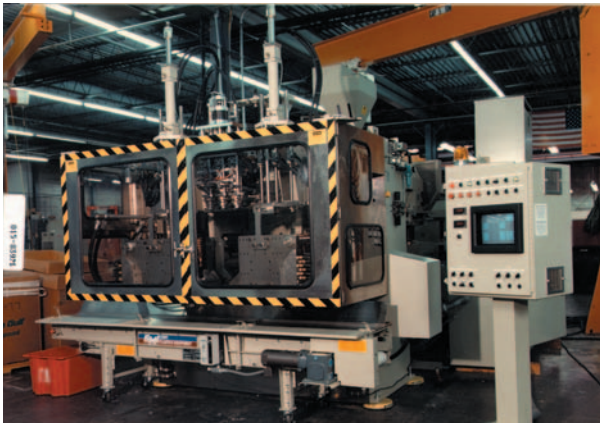
Magnetostrictive Linear-Position Sensors



Blow Molding

550856 B

Application Idea



MTS Temposonics displacement sensors are the favored method of position sensing in this application because of the need for high performance and continuous operation under demanding environmental operating conditions. In this competitive industry where downtime is costly, Temposonics sensors are continually relied upon because of their overall value to machine builders as well as end users.

Overview

Application:

Position feedback to control the amount of plastic fed or expanded into the mold.

Benefits:

- 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 and superior EMI and noise immunity ensure trouble free operation.
- Simultaneous position and velocity enables monitoring of material flow rate.
- All of the above mean a lower overall sensor cost requirement over the life of the machine.

Sensors Used:

- 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 550856 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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