

ALLIANCE SENSORS GROUP

A DIVISION OF H.G. SCHAEVITZ LLC

MR-7 Cylinder

Linear Position

Sensor Applications



Factory Automation Equipment

Linear position sensing is critical to proper mold closure and shot metering of automated injection molding machines in plastics manufacturing worldwide.



Construction Equipment

More precise human and PLC remote functional control “by-wire” is enabled by robust linear position feedback sensors embedded in hydraulic cylinders



Mobile Agricultural Equipment

Control-by-wire hydraulically actuated steering, track adjust and process functions require linear position feedback from cylinders throughout the equipment.



Active Suspension on Light military Vehicles

Hydraulic electronically controlled active suspension systems on light military vehicles require robust displacements instruments in each wheel strut.



Hydro Dam Gates

Hydro governors and supporting equipment in large scale dam projects depend upon short range linear sensors to provide critical valve position feedback.



Offshore

Offshore and land oil and gas exploration/production equipment rely on heavy duty long linear position sensors to accurately locate operating components.