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MHP Series Inductive Linear Position Sensor
Easily adapts to existing hydraulic cylinder designs

Moorestown, New Jersey, January 13, 2014... [Alliance Sensors Group](http://www.alliancesensors.com) a div of H.G. Schaevitz LLC has expanded its in-cylinder position sensor product line to include the **MHP** series linear inductive sensors. These compact inductive linear sensors were designed to be installed into the rear endcap of hydraulic cylinders for operation at pressures up to 5000psig. Their 1-inch hex aluminum or stainless steel housing are ideal for mobile hydraulics, factory automation machinery, or oil and gas exploration equipment, and mount to the cylinder with a standard male o-ring port thread.

Features of the MHP:

- No magnet required
- Compact 1-inch hex aluminum or stainless steel housing
- Contactless- no wear from cycling or dithering
- Ranges from 50 to 600 mm (2 to 24 inches)
- Excellent stroke-to-length ratio
- SenSet™ for field scalability of analog output

The **MHP** series sensors are based on a proprietary contactless inductive sensing technology with a short stroke to length ratio. They employ a 7 mm diameter probe inserted into an 8 mm (5/16 inch) gun-drilled hole in the cylinder rod to measure position rather than a ring magnet or pot contact spool. They are offered in ranges from 50 to 600mm (2 to 24 inches) full scale with a wide variety of on analog I/Os and either connector and cable terminations.

The **MHP** series also includes the **MR** and **ME** series for larger cylinders and actuators. Technical data sheets and additional information can be found at www.alliancesensors.com.

About H. G. Schaevitz LLC Alliance Sensors Group

Headquartered in Moorestown, NJ USA, Alliance Sensors Group a div of H.G. Schaevitz LLC (www.alliancesensors.com) is a position sensor manufacturing company offering engineering and application support toward solving position measurement challenges within the power generation, fluid power, and manufacturing industries. Combining more than 150 years of sensors know-how, ASG's technical and applications support staff have extensive experience in providing the right sensor for difficult rotary and linear position measurement applications.