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***ME and MR and now the MHP Series Inductive Linear Sensors
for Hydraulic Cylinders Position Feedback***

MOORESTOWN, NJ --- January 28, 2015 Alliance Sensors Group is pleased to announce the continued success and expansion of the **ME, MR, and MHP** Series Linear Position Sensors used to measure the ram position of hydraulic and pneumatic cylinders in industrial, mobile, or subsea applications. With **NO MAGNET REQUIRED** the installation and cost of ownership is dramatically reduced without sacrificing accuracy specifications. The **ME** (embedded version) , **MR** (port-mount version), and **MHP** (port mount 25mm hex housing) Series fit into a gun-drilled cylinder in the same way a magnetostrictive sensor would be installed but without the counterbore necessary for the magnet.

Features:

- **NO MAGNET REQUIRED !!!**
- **New MHP with 25mm hex housing**
- Measurement ranges from 1 to 24 inches (25 to 600 mm)
- Operates to 5000 psi or 10,000 feet (3000 m) depth
- IEC IP-67 aluminum or stainless steel housing
- Contactless; no wearout
- 85 C operation (105 C option)
- DC voltage or current analog output
- SenSet™ Field Adjustable Scaling

ME/MR/MHP sensors use a simple coil design rather than “time-of-flight” technology or resistive film. They are based on a patented contactless inductive sensing technology that employs a solid probe construction style which requires only a simple conductive tubular target or a small diameter deep hole gun drilled in the cylinder rod for operation rather than needing a permanent magnet ring or some other type of special target. The **ME/MR/MHP** Series sensors can withstand intense shocks and vibration, and operating temperatures up to 85 C for standard products and 125 C for custom units. Resembling a magnetostrictive sensor with its sensor head and male o-ring port threads, an **ME/MR/MHP** sensor has a shorter stroke-to-probe length ratio and can thread into the same o-ring bosses (either SAE J1926-8 or ISO 6149-1 M18) that accept a magnetostrictive sensor. For those applications where an **ME/MR/MHP** is replacing an existing magnetostrictive sensor, the magnet ring can usually be left in place without affecting the performance of the sensor. The IP-67 sealed housing uses no trimmer pots for setting Zero and Full Scale. Instead, ASG's proprietary SenSet™ calibration feature permits the user to match the analog output of the sensor to the motion of the actuator or cylinder on a stand-alone basis rather than the user having to scale the sensor's basic output in an associated control system.

About Alliance Sensors Group

Headquartered in Moorestown, New Jersey, 08057 USA, Alliance Sensor Group, a division of H. G. Schaevitz LLC, (www.alliancesensors.com) is a position sensor manufacturing company offering engineering and application support in solving position measurement challenges within the power generation, fluid power, and manufacturing industries. Combining more than 150 years of sensors know how, our technical and application support staff has very extensive experience in providing the right sensor for challenging rotary and linear position measurement applications.