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SenSet™ Field Programmability Trademarked by Alliance Sensors Group

MOORESTOWN, N.J.—August 26, 2015 Alliance Sensors Group is pleased to announce its “SenSet™ Field Programmability” technology is now a standard feature in its LR, LV, MR-7 and ME-7 linear position product lines. SenSet™ allows a user to perform a field calibration to adjust for mechanical tolerance variations with the ease of pushing a button or grounding a lead, reducing set up time and cost of ownership.

In many applications, the factory calibrated range of a sensor does not precisely match the actual range of the position being measured, be it in a valve or hydraulic cylinder for example. SenSet™ allows the installer to very simply and quickly, exactly match the full scale electrical output (4-20mA or 0-10VDC) of a sensor to the actual mechanical movement range of the device in which the sensor is installed. After installing the sensor, simply move the device to its zero (aka fully closed, retracted or 0%) position and press the SenSet™ button, then move it to the full scale (aka fully open, extended or 100%) position and press the same SenSet™ button and the sensor is now calibrated over the device’s range of motion. For OEMs, a grounding wire or magnetic switch is typically used in place of the SenSet™ button. Sensor and cylinder distributors will have reduced technical support time required with their customers. The output can be adjusted for one or both ends of the range of motion up to 20%.

“We found that the same technology we offered in our LVDT signal conditioners to scale an LVDT’s output could be used in our LVIT technology, “ says Harold Schaevitz, President of Alliance Sensors Group. “With the continued improvements with micro-processing, we were pleased to be able to offer customers a simple solution to a scaling problem that was common just a few years back.”

Alliance Sensor Group offers linear position sensors such as the MR-7 port mountable and ME-7 embedded as magnetostrictive sensor replacements for hydraulic and pneumatic cylinders as well as the LV series LVDT replacement sensors, all having the SenSet™ Field Programmability feature.

For additional information and SenSet™ instruction please go to <http://www.alliancesensors.com/linear-position-sensor-mrivi-calibration-using-senset%E2%84%A2-field-programmability>.

About Alliance Sensors Group

Headquartered in Moorestown, New Jersey, 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 extensive experience in providing the right sensor for challenging rotary and linear position measurement applications.