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The LRS-18 Series Spring Loaded LVIT Linear Position Sensor Get More Sensor for Less

MOORESTOWN, NJ --- July 28, 2015 H.G. Schaevitz LLC Alliance Sensors is pleased to introduce its first spring loaded LVIT (Linear Variable Inductive Transducer) series. The **LRS-18** series are spring loaded, contactless devices designed for dimension or position measuring applications in factory automation and in various industrial and commercial applications such as automotive testing, mil/aero test stands, robotic arms, and packaging equipment, where the sensing element cannot be attached to the object being measured. The **LRS-18** stroke to length ratio is excellent. Existing technologies with similar electrical specifications are 9" long to measure 1". The equivalent **LRS-18** is only 4" long.

LRS-18 Features:

- **EXCELLENT** stroke to length ratio
- Contactless operation prevents internal wearout from dithering or rapid cycling
- Ranges from 12.5 to 100 mm (0.5 to 4.0 inches)
- M18 x 1 threaded aluminum or stainless steel body with mounting nuts
- Maximum tip force on the item being measured is 1 pound

LRS-18 sensors have a 19 mm (0.75 inch) diameter aluminum or stainless steel body with an M18 x 1 thread and come with two hex jam nuts for easy installation in place of an 18 mm analog proximity sensor. These sensors use a 0.25 inch diameter probe equipped with an AGD No. 9 contact tip, and are offered with either an axial cable or a connector. Operating from a variety of DC voltages, the sensors are available with a choice of four analog outputs and they all include ASG's proprietary SenSet™ field calibration feature.

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. Follow us on Twitter (@Alliancesensor1) or Facebook.