

**FOR IMMEDIATE RELEASE**

Media Contact: John Matlack / 856-727-0250 / [jrm@alliancesensors.com](mailto:jrm@alliancesensors.com)  
Engineering Contact: Ed Herceg / 856-727-0250 / [eeh@alliancesensors.com](mailto:eeh@alliancesensors.com)

## **LVIT Technology™ - A Disruptive Force in Linear Position Sensing**

**Moorestown, New Jersey, September 24, 2015...** [Alliance Sensors Group](#) a div of H.G. Schaevitz LLC linear position product-line of LVITs (Linear Variable Inductive Transducer) is a true disruption in the industrial position sensor industry by merging the benefits of contactless inductive sensing and low cost of contact based technologies. ASG's line of LVITs has been expanded yet again to now include a spring loaded version. LVITs are contactless devices designed for factory automation and a variety of heavy duty industrial or commercial applications such as solar cell positioners, wind turbine prop pitch and brakes, chute or gate positioners on off-road or agri-vehicles, bridge expansion and rail sun kink monitoring, robotic arm position feedback, snow plow positioning, automotive/ motor sports, and packaging equipment. With their compact yet robust design, superior performance, and excellent stroke-to-length ratio, ASG's LVITs are ideal for both industrial and OEM position sensing applications.

### **All LVITs Have the Following Features:**

- Contactless operation prevents wearout from dither or cycling
- Ranges from 12.5 to 450 mm (1/2 to 18 inches)
- Radial cable exit version comes with swivel rod eye ends
- Four Analog outputs
- Axial termination versions with either M-12 connector or 1m cable
- ASG's proprietary SenSet™ field scalability

### **THE NEW LRS-18- Spring Loaded LVIT**

The spring loaded LRS-18 has a 3/4" OD aluminum body and is offered in ranges 12.5 to 100mm. Like the LR-19, the LRS-18 is ideal for OEM and factory automation applications where small size and low cost are a premium however the probe cannot be hard fixed to the measurand.

### **LR-19- Automation Duty LVIT**

The LR-19 has a 3/4" OD aluminum body and is offered in ranges up to 200mm. The LR-19 is ideal for OEM and factory automation applications where small size and low cost are a premium.

### **LR-27- Industrial Duty LVIT**

The LR-27 series is more robust than the LR-19 and is offered in both a 1" OD aluminum or stainless steel housing. The LR-27 is also for industrial OEM and factory automation applications where the application or environment is too extreme for the LR-19.

### **LV-45- Extreme Duty LVIT**

The LV-45 series units were designed to survive the most extreme environments being installed on bridges, train tracks, and off road vehicles for construction and agriculture.

**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](http://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.