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**ILPS-45 Series LVIT Linear Position Sensors by Harold G. Schaevitz Industries LLC
for Heavy Duty Industrial and Extreme Environment Civil Engineering Applications**

Bloomfield Hills, Michigan, May 23, 2018... **Harold G. Schaevitz Industries LLC** has released its **ILPS-45** series inductive, contactless linear position sensor using LVIT Technology. The **ILPS-45** linear position sensors are specifically designed for measuring applications requiring rugged devices, whether measuring position of steam turbine valves, mounted in a paper mill head box or calendar roll stand, or outdoors fastened to a building, bridge or structure. The **ILPS-45** series was designed after identifying the wants and needs of engineers in the industrial world, so **ILPS-45** Series linear position sensors can withstand the high vibration and severe shock environment found in steel, aluminum, and paper mills, as well as extremes of temperature and humidity found in most outdoor applications where many other types of linear position sensors cannot survive.

The **ILPS-45** series uses a proprietary inductive technology that allows it to replace traditional DC-LVDTs in most applications. Its simple coil design permits the sensor to be both shorter and more rugged than its DC-LVDT counterpart while operating over a wider temperature range. The ILPS-45 series is available with optional mounting flanges, rod eye ends, connector or cable terminations, and a captive connecting rod assembly that cannot break loose. The SenSet™ range adjustability feature allows the user to scale the sensor's zero and full span output to the actual range of motion of the workpiece being measured after the sensor is installed.

ILPS-45 Features:

- Operating temp range -40C to 85C
- Ranges from 4 to 18 inches (100-450mm)
- Double shaft seals to keep dirt and grime out of the bore
- Axial or radial connector or cable terminations
- SenSet™ range adjustability
- 1.75 inch (44.5 mm) outer diameter body with 5 mm wall thickness
- 1/2-20 UNF threaded or rod eye end connecting rod

Operating from a variety of DC voltages, the **ILPS-45** series offer a choice of four analog outputs and all include HGS's proprietary SenSet™ field recalibration feature.

About Harold G. Schaevitz Industries LLC

Harold G. Schaevitz Industries LLC is an American company whose management has a combined experience of over 50 years in the sensor industry. We have a technically trained staff to help you select the ideal sensors for your application. Our core product offering includes Exhaust Gas Thermocouples (EGT) Probes, Thermocouples, RTDs, Linear Position sensors, Rotary Position sensors, Pressure sensors and switches. In addition to our standard products, we have capabilities to design and build custom products to suit your specific application.

Major markets served include Motorsports, Marine, Heavy Vehicle, R&D Test labs, Power Generation, Military, and Industrial Manufacturing Assembly & Test.

Product Link:

<https://www.hgsind.com/product/ilps-45-linear-lvit-position-sensor-rod-end-joints>