

Penny+Giles have more than 50 years experience in the design and manufacture of high integrity position sensors and have introduced a new capability using the latest Hall effect sensor technology, which has been developed to meet the demands of OEM valve manufacturers and machine hydraulics.

The VPT210 spool feedback sensor has been designed for the hydraulic spool valve market - particularly for new generation hydraulics fitted to on- and off-highway vehicles. New machine safety directives require a cost effective alternative to costly LVDT and LVIT inductive technologies that require additional control electronics fitted in separate enclosures.

The **VPT210** is a fully integrated transducer package that includes a non-contact position sensor in a pressure sealed enclosure, with on-board signal conditioning - eliminating the need for additional control cards and separate enclosures.

We offer a full custom design service for high volume valve and mobile hydraulics manufacturers, with our design team working to develop integrated packages to suit your specific application.



## **Key Features**

- Non-contact Hall effect technology
- Suitable for measurement range of ±3mm to ±11mm
- Single channel output (dual channel OEM option)
- **On-board signal conditioning**
- Supply voltage 6.5 to 34Vdc
- Outputs 0.5 to 4.5Vdc or PWM
- Burst pressure rating 600 Bar (8400psi)
- Working pressure rating 420 Bar (5880psi)

If you are an OEM and wish to discuss this product. custom engineered options and vailability; you should contact our industrial sensors product sales team

## **VPT210 \_VE POSITION TRANSDUCER** www.pennyandgiles.com www.penny-giles.de

**Innovation In Motion** 

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