



ELECTRONIC POSITION SENSING CYLINDERS

Solutions for Stroke Position Sensing

State of the Art Cylinder Position Sensing for Special Applications

COMPACT ELECTRONIC POSITIONING TRANSDUCER CYLINDER



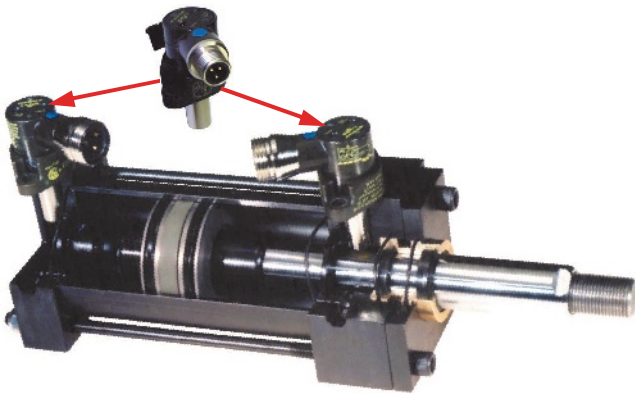
- Compact Design – Minimal Overall Length Addition. Linear, Absolute Position Measurement in Hydraulic Cylinders. Absolute Displacement Sensor. Non-Contact Sensing.
- Precise, Durable & Cost Effective Electronics Totally Enclosed & Protected from Harsh, Shock Prone Environments. Pressure Rating - 3000 PSI
- Consult Factory for Available Bore Sizes & Rod Diameters

LINEAR TRANSDUCER SENSING WITH FULL STROKE POSITION FEEDBACK



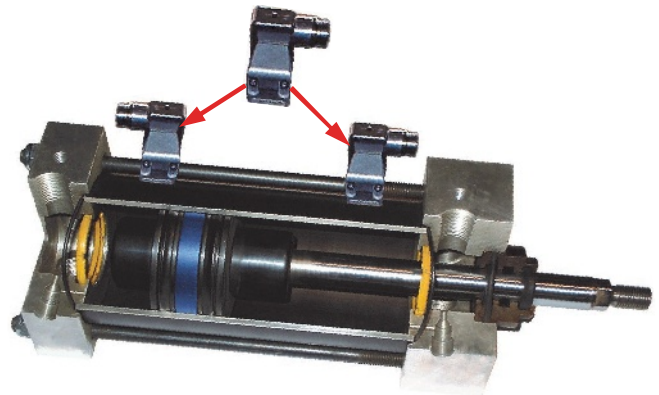
- Linear Position Sensors provide Accurate, Non-Contact Position Sensing anywhere along the Cylinder Stroke for a wide variety of Applications.
- Hydraulic/Pneumatic Sensor Housing with Integral Electronics. Suitable for most in-Cylinder Position Sensing Applications. Up to 350 bar (5000 PSI) Static Pressure Capability.

CYLINDER WITH IN-PORT MOUNTED INDUCTIVE PROXIMITY SWITCHES (FOR NEAR END OF STROKE SENSING)



- In-Port mounted Proximity Switches allow for Non-Contact Piston Position Sensing at Near End of Stroke.
- Precision Machined End Caps & Piston Cushion Hubs allow for In-Port mounting of "RF Inductive" Proximity Switches using the SAME Switch Probe Length on both the Front & Rear End Caps without Shims or Spacers underneath the Switch.

CYLINDER WITH PISTON MAGNET AND TIE-ROD MOUNTED REED SWITCHES



- Tie-Rod mounted Reed Switches will sense a Magnet attached to the Piston anywhere along the Cylinder Stroke. Peninsular uses Shunted, High Gauss "Rare Earth Material" Magnets that create a Stronger Magnetism outside the Cylinder Tube which assures reliable actuation of the Reed Switch.

CYLINDER CONFIGURATOR

Get 2D & 3D CAD Drawings



see our Website



www.peninsularcylinders.com

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