



**PENINSULAR
CYLINDER CO.**

State of the Art Cylinder Position Sensing for Special Applications

(for both NFPA & Metric Cylinders)

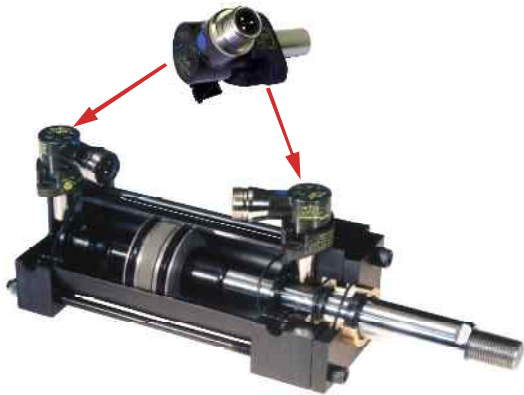
Get 2D & 3D CAD Drawings



see our Website

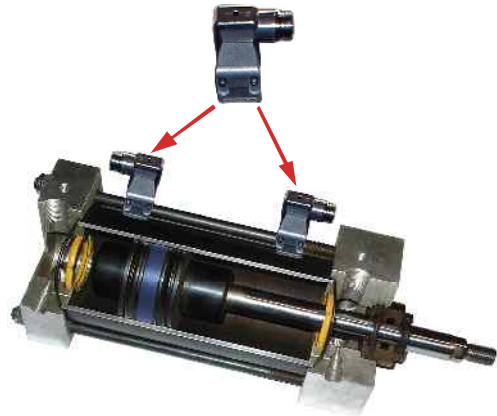


Cylinder with In-Port Mounted Inductive Proximity Switches



- Allows for non-contact piston position sensing at near end of stroke.
- Precision machined cylinder heads and piston cushion hubs allow for in-port mounting of "RF inductive" proximity switches using the same switch probe length at each cylinder end without shims or spacers underneath the switch.

Cylinder with Piston Magnet and Tie-Rod Mounted Reed Switches



- Tie-rod mounted reed switches can sense a shunted, high gauss "rare earth material" magnet, anywhere along the cylinder stroke. Stronger magnetism outside of the cylinder tube ensures actuation of the reed switch.

Compact Electronic Positioning Transducer Cylinder



- Compact Design – Minimal Overall Length Addition. Linear, Absolute Position Measurement in Hydraulic Cylinders. Absolute Displacement Sensor. Non-Contact Sensing.
- Stable Design, Minor Dimensions. Resolution: up to 5um. Linearity Tolerance: Better .02% Repeatability .001%. Pressure Rating - 350 Bar.

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



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