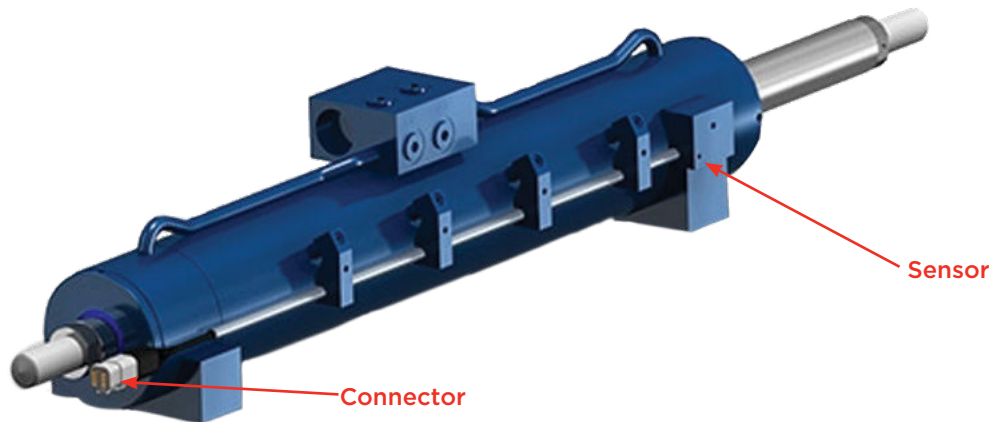


POSITION SENSING HYDRAULIC CYLINDERS



Position Sensing Technology is ideal for applications that require a high level of accuracy and repeatability. Our position sensor equipped cylinders feature high performance contactless sensing with an analog voltage output proportional to the cylinder stroke.



■ APPLICATION EXAMPLES

Position Sensing Technology is ideal for applications that require a high level of accuracy and repeatability.

■ PRODUCT DESCRIPTION

- High performance contactless sensing
- Analog voltage output proportional to cylinder stroke
- Standard Deutsch connection
- Linear, absolute measurement
- Electromagnetic compatibility: immunity against electromagnetic hf-fields up to 200 v/m
- Stroke range: 2"-60" / 50 mm - 1,500 mm
- Output direct analog: 0-5v
- Accuracy: 0.04%
- Repeatability: 0.005%
- Input power: 12/24v
- Minimum cylinder bore diameter: 2.25" / 60 Mm
- Minimum rod diameter: 1" / 25 mm
- Operating pressures up to 5,000 psi / 350 bar
- M12 connector

■ OPTIONAL FEATURES

- Alternate output types for tighter control: digital, CAN-bus
- Variable voltage or current output
- Additional linear position connector types available
- Position sensing technology available on multiple THI cylinder styles



Texas Hydraulics, Inc.
3410 Range Road
Temple, TX 76504
Tel: 254-778-4701
www.texas hydraulics.com

PRODUCT DATA SHEET

TEXAS
HYDRAULICS

Problem Solved.

THI-PDS-v1-102022