



AKO Inc.
Torque Specialties
"The Standard by Which Torque Is Calibrated"

50 Baker Hollow Rd. Windsor, CT 06095 TEL. (860) 298-9765 FAX (860) 683-4126 www.akotorque.com

INDUSTRIAL GRADE PRESSURE TRANSDUCER

TSD10KPT

10,000 psi Pressure Transducer

- Rugged, welded, stainless steel construction
- High proof pressure
- Economically priced

The TSD10KPT is an industrial grade Pressure Transducer. This strain gauge-based sensor is designed to withstand the shock, vibration and pressure spikes common to most hydraulic and pneumatic control systems.

The highly rugged, all-welded stainless steel design of the TSD10KPT offers high corrosion resistance, making the sensor an ideal choice for demanding oil & gas, steelworks, rolling mills and process control applications.



TSD10KPT

Industrial Grade Pressure Transducer

A.K.O., Inc. | 50 Baker Hollow Road, Windsor, CT 06095 USA

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TSD10KPT

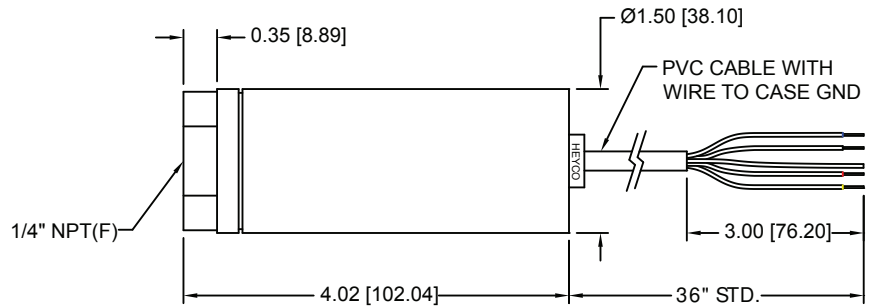
DIMENSIONAL DRAWING

All dimensions are in inches (mm)

STANDARD WIRING

Wire

1/Red	+EXC
2/GRN	+SIG
3/WHT	-SIG
4/BLK	-EXC
5/BLU	+SHUNT (OPT)
6/BRN	-SHUNT (OPT)



REFERENCE SPECIFICATIONS

ELECTRICAL:
<ul style="list-style-type: none"> • Excitation Voltage: 3.5 to 15 Vdc • Output Signal: 1 to 3 mV/V (range and accuracy dependent)
<p>Input Impedance: 5 K or 350 Ω nominal</p> <ul style="list-style-type: none"> • Response Time: <3 ms 10% to 90%
MATERIALS OF CONSTRUCTION:
<p>Wetted Parts: 17-4 PH stainless steel</p> <p>Housing: 300 series stainless steel</p>

ACCURACY:
<p>0.1% of Reading with AKO Digital Torque Indicator</p>
<ul style="list-style-type: none"> • Zero Balance and FSO: $\pm 1\%$ FSO at +70 °F (+21.1 °C) for each
THERMAL SPECIFICATIONS:
<ul style="list-style-type: none"> • Compensated: 0 °F to +180 °F (-17.7 °C to +82 °C) • Operating: -20 °F to +190 °F (-29 °C to +88 °C) • Storage: -65 °F to +250 °F (-53 °C to +121 °C) • Effect on Zero/Span: $\pm 1.0\%$ FSO/100 °F

All specifications are for reference purposes only. In the interests of continuous product improvement, all specifications are subject to change without notice. Please contact A.K.O., Inc. for assistance with your application.

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