

## Dual Range Magnetic Coupled Torque Sensor



### T259 A SPECIALTY MILITARY SPEC DUAL RANGE TORQUE SENSOR

Introducing the SensorData T259, the **worlds most advanced** Dual Range Magnetic Coupled Torque Sensor specially made for the military, aeronautical and aerospace industries. This modern torque sensor outperforms the competition in every way. Equipped with SensorData's proprietary On Board Amplifier, the T259 delivers world-class performance that's second to none.

**Our T257, T258 and T259 series comply to the following military standards:**

#### AIR FORCE-NAVY AERONAUTICAL DESIGN STANDARD

- AND10262
- AND10267
- AND20002
- AND20006
- AND20007

#### SAE AEROSPACE

- SAE AS964
- AS969 REV.B
- AS972 REV.B
- AS977



### STANDARD FEATURES

<b>OUTPUT:</b>	2.00 mV/V
<b>CAPACITY:</b>	0.00- 3.00K lb.in T257, T258 0.00- 20.00K lb.in T259
<b>SPEED:</b>	15,000 rpm
<b>DIMENSIONS:</b>	Ø5.000" B.C.D., 6 mounting studs

### OPTIONS

- On Board Accelerometer (Endevco)
- Ø10.000" B.C.D.
- 12 Mounting Studs
- Oil Escape on UUT Side
- Zero-Friction Oil Seal (Slinger) – UUT Side
- Hole Through Shaft
- On Board Accelerometer (Endevco)
- Ø10.000" B.C.D.
- 12 Mounting Studs
- Oil Escape on UUT Side
- Zero-Friction Oil Seal (Slinger) – UUT Side
- Hole Through Shaft

<sup>(1)</sup> Temperature gradients caused by higher excitation voltages may effect performance.

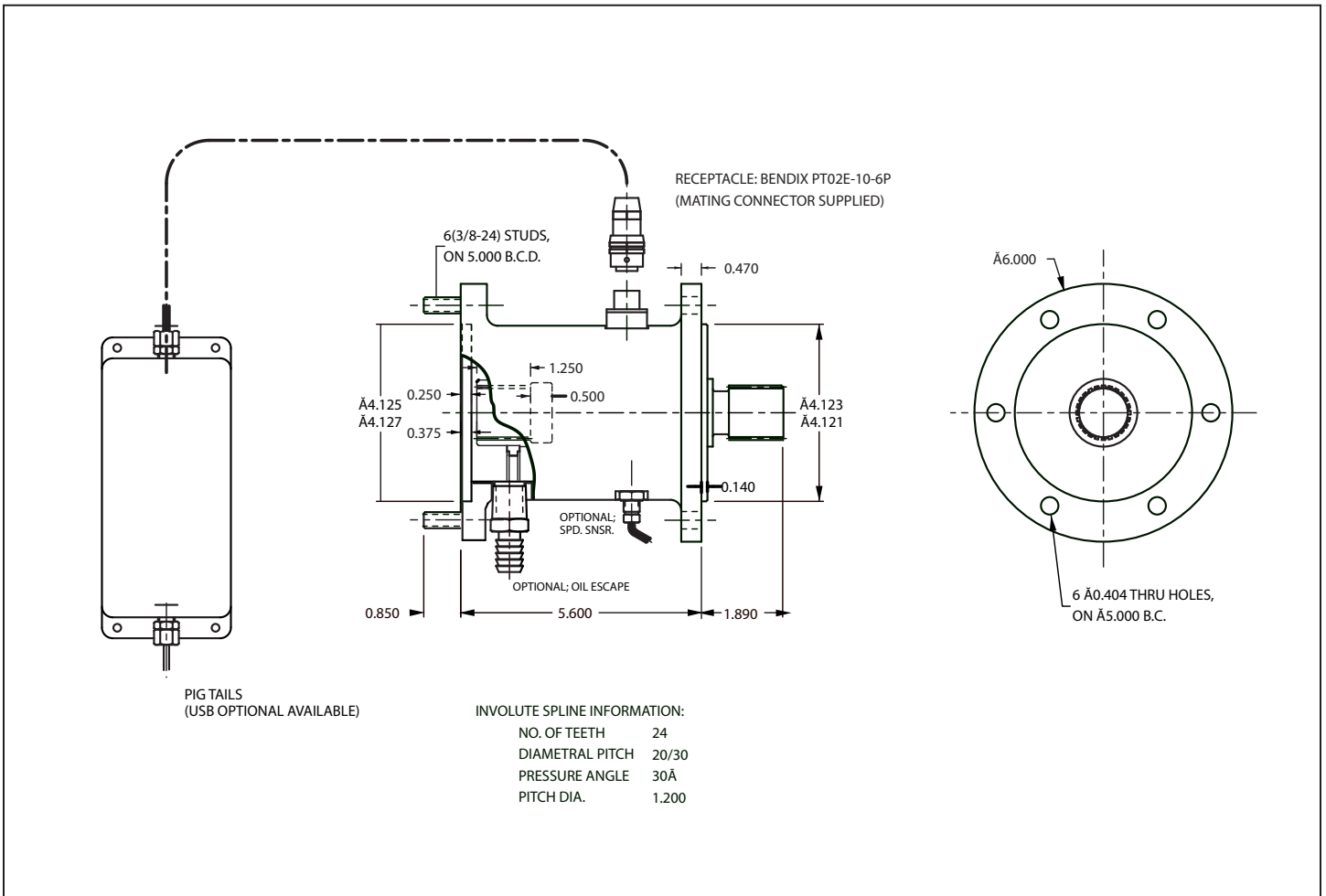
<sup>(2)</sup> With load centered, maximum load that can be applied without producing a permanent shift in performance characteristics.

<sup>(3)</sup> With load centered, maximum load that can be applied without physical damage.





# Dual Range Magnetic Coupled Torque Sensor



## IMPORTANT NOTICE

Dimensions above are in inches unless otherwise noted. Manufacturer not responsible for any modification to product, fixtures, or accessories made by user or third party. User should request certified drawings before designing mountings or fixtures. Manufacturer reserves right to modify or change design, dimensions, specifications, and features of this product without prior written notice. Changes to NOTICE must be in writing and accepted by manufacturer.

[www.sensordatatech.com](http://www.sensordatatech.com)

