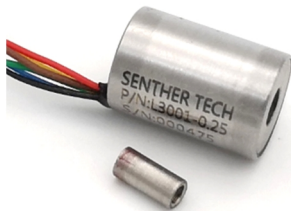


## LVDT position transducer



Sensitivity,  $\pm 10\%$ ,  $24^{\circ}\text{C}$ ..... 132 mV/V/mm  
 Measuring range(mm) .....  $\pm 0.25$   
 Nonlinearity(@ 50% Stroke)..... <0.15% Max.  
 Nonlinearity(@ 100% Stroke)..... <0.25% Max.

### Electrical

Power excitation(@ 2.5KHz) ..... 3 Vrms  
 Output Impedance..... <100  $\Omega$   
 Insulation resistance(@ 500Vdc)..... >10 M $\Omega$   
 Null voltage..... <10 mVrms  
 Repeatability..... <0.15%  
 Output at stroke ends..... 33.6 mV/V

### Environmental

Temperature range..... -55 to  $125^{\circ}\text{C}$   
 Operation humidity..... <85% R.H  
 Shock limit..... 1,000 g peak  
 IEC 60529 rating..... IP61

### Physical

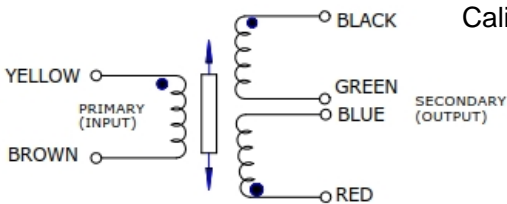
Sensing element..... LVDT  
 Output cable(32# AWG)..... 0.4m PFA Insulation  
 Case material..... Stainless steel

### Features

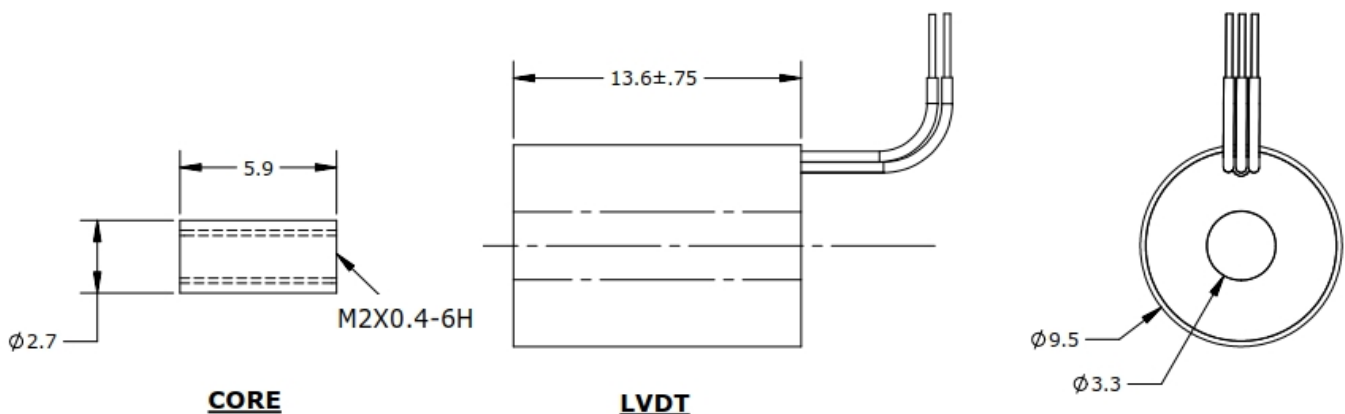
- High Resolution
- Shock resistant
- Compact size
- Light weight
- Reliability package

### Accessories

Calibration certificate



**WIRING SHECMATIC**  
 CONNECT GRN&BLU FOR  
 DIFFERENTIAL OUTPUT



### Ordering Information

L3001-0.25-0.4  
 ————— cable length(meter)  
 ————— Range in mm  
 ————— Model