

Heavy industrial LVDT position transducer



Features

- Excellent linearity
- Shock resistant
- Electromagnetic shielding
- Reliability package
- Supply certificate for each unit

Sensitivity, $\pm 10\%$, 24°C 98 mV/V/mm
 Measuring range(mm) ± 5.08
 Nonlinearity(@50% Stroke)..... <0.1% Max.
 Nonlinearity(@100% Stroke)..... <0.25% Max.

Electrical

Power excitation(@2.5KHz) 3 Vrms
 Output Impedance..... <100 Ω
 Insulation resistance(@500Vdc)..... >10 M Ω
 Null voltage..... <0.5% FSO
 Repeatability..... <0.15%
 Output at stroke ends..... 1.5V

Environmental

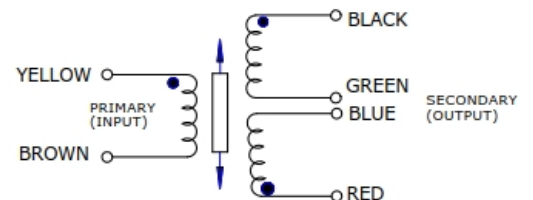
Temperature range..... -55 to 125°C
 Operation humidity..... <85% R.H
 Shock limit..... 1,000 g peak
 IEC 60529 rating..... IP61

Physical

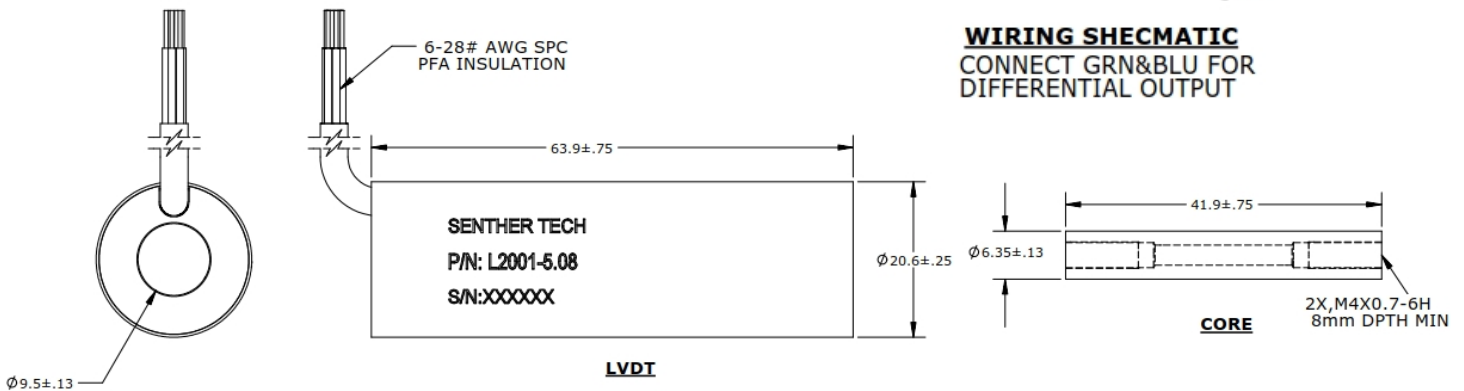
Sensing element..... LVDT
 Output cable(28# AWG)..... 0.4m PFA Insulation
 Case material..... Stainless steel

Accessories

Calibration certificate



WIRING SHECMATIC
 CONNECT GRN&BLU FOR DIFFERENTIAL OUTPUT



Ordering Information

