

LVRT position transducer



Features

- High Resolution
- Outstanding linearity
- Shock resistant
- Compact size
- Light weight
- High temperature operation
- Reliability package

Sensitivity, $\pm 10\%$, 24°C 35 mV/V/mm
 Measuring range(mm) ± 6
 Amplitude nonlinearity..... <0.5% Max.

Electrical

Power excitation(@2.5KHz) 3 Vrms
 DCR $75 \pm 4 \Omega$
 Output Impedance..... $< 100 \Omega$
 Insulation resistance(@500Vdc)..... $> 10 \text{ M}\Omega$
 Null voltage..... $< 20 \text{ mVrms}$
 Repeatability..... $< 0.15\%$
 Output at stroke ends..... 0.63 V

Environmental

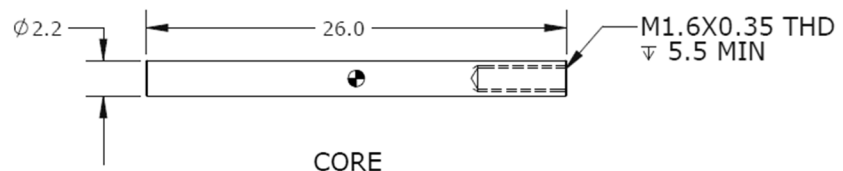
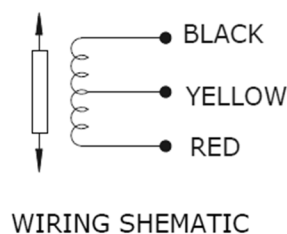
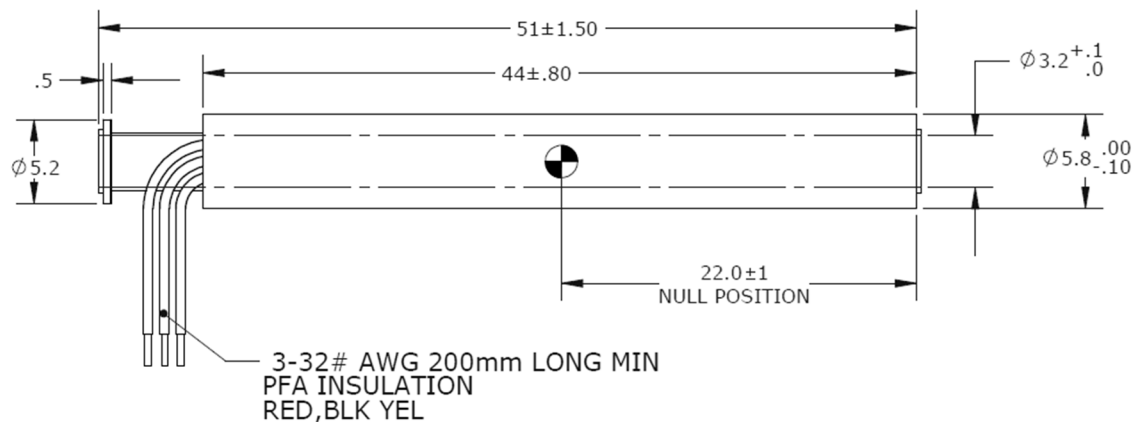
Temperature range..... -55 to 175°C
 Operation humidity..... $< 85\% \text{ R.H}$
 Shock limit..... 1,000 g peak
 Sealing Epoxy seal

Physical

Sensing element..... LVRT
 Output cable(32# AWG)..... 0.4m Teflon Insulation
 Case material..... 316 SST

Accessories

Calibration certificate



Ordering Information

L1001-6-3
 Special cable length(meter)
 Range in mm
 Model

