

LVDT position transducer

Sensitivity, $\pm 10\%$, 24°C 27 mV/V/mm
 Measuring range(mm) ± 25.4
 Nonlinearity(@50% Stroke)..... $<0.20\%$ Max.
 Nonlinearity(@100% Stroke)..... $<0.25\%$ Max.

Electrical

Power excitation(@2.5KHz) 3 Vrms
 Output Impedance..... $<100\ \Omega$
 Insulation resistance(@500Vdc)..... $>10\ \text{M}\Omega$
 Null voltage..... $<0.5\%$ FSO
 Repeatability..... $<0.15\%$
 Output at stroke ends..... 700 mV/V

Environmental

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

Physical

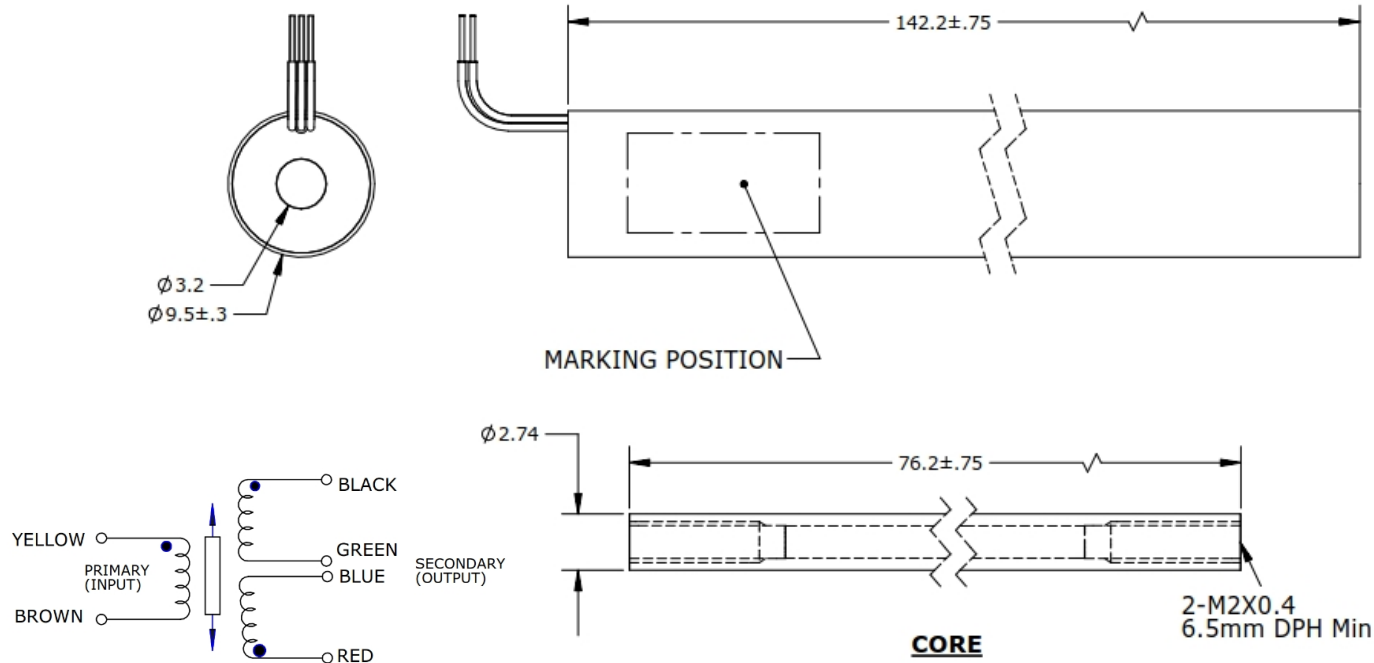
Sensing element..... LVDT
 Output cable(32# AWG)..... 0.4m PFA Insulation
 Case material..... Stainless steel

Accessories

Calibration certificate

Features

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



Ordering Information

L3001-25.4-0.4
 ————— cable length(meter)
 ————— Range in mm
 ————— Model