HD-110-900-AC
Aerospace LVDT

FEATURES

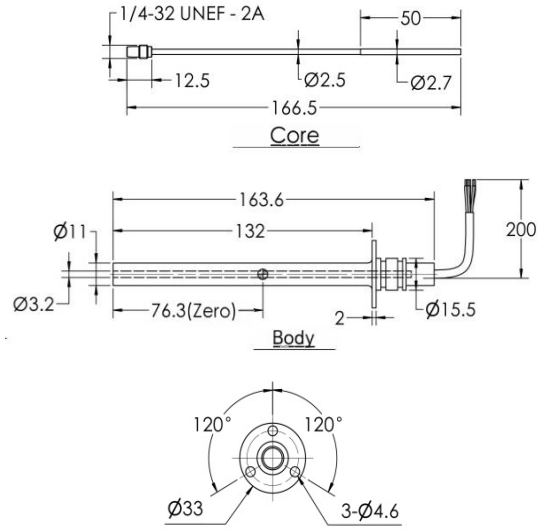
- Designed to AS9100 aerospace standard
- High-strength stainless steel, lightweight & vibration-resistant
- Split-core rod design, easy installation
- Ratiometric output for stable signal
- Double-shielded against EMI
- Innovative winding, smaller OD & shorter length



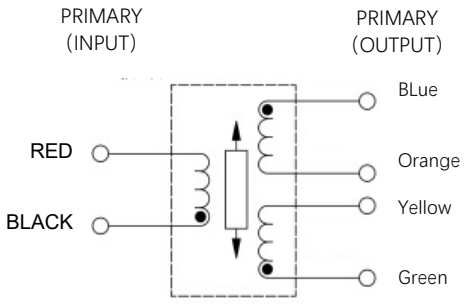
SPECIFICATIONS

Code	HD-110-900-AC
Stroke Range (mm)	±45mm
Output voltage	1.1V~4.7V
Power s Supply	7Vrm±2%
Input Frequency	3KHz±10%
Zero voltage	< 20mV
Phase Shift Error	±5°
Non-linearity	<0.6%
Repeatability	< 0.1%
Operating Temperature	-50℃~175℃
Ratiometric output	(V1-V2)/(V1+V2) = -0.5918 ~ -0.5798 (retracted)
	(V1-V2)/(V1+V2) = +0.5798 ~ +0.5918 (extended)
TC of Sensitivity	< 0.05%℃
Structure	Split Structure
Wiring	6-core Teflon cable or wire
Shock	1000g,11ms
Vibration	20g@2000Hz
Displacement Cycle	> 10^6 cycles
Operating Pressure	21MPa

Dimension [mm]



Wiring



Version | 01.2026