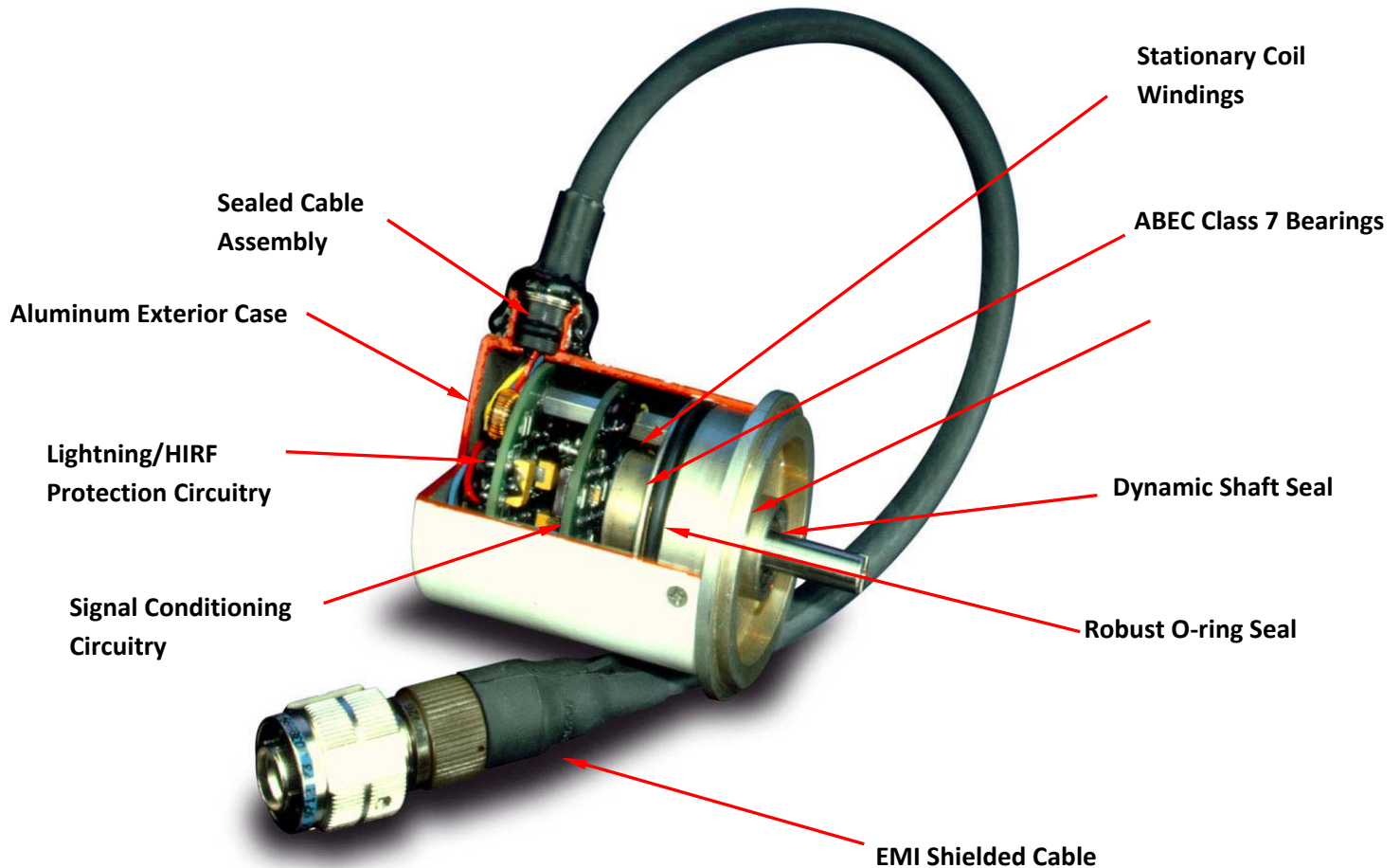


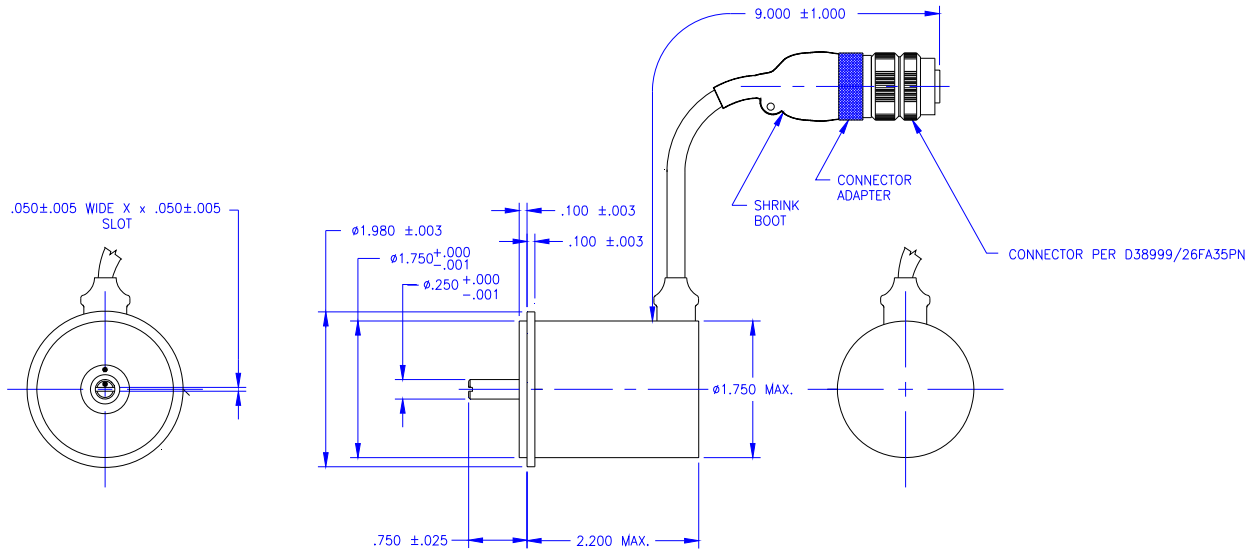
Constructed for Long-Term Stability



Woodward's RVDT-based position sensors were developed for control surface and flight control input applications as drop-in replacements for failure-prone potentiometer and RVIT-type sensors. The no-wear, solid-core construction of Woodward's RVDT sensors have been proven in numerous demanding flight control applications as having uncompromising reliability—resulting in reduced down time and life-cycle costs.

Woodward DC RVDTs are available in three-wire ratiometric, or four-wire fixed-scale-factor signal formats. They can also be configured for unregulated 18-32-VDC input, or 5-VDC input voltages. These Woodward sensors are qualified to environmental and EMI requirements of DO-160 as listed on the following page.

Standard Envelope



Section Number	Environment (RTCA/DO-160C)	Condition
4.0	Temperature	Cat. C2, -55°C to +70°C
4.0	Altitude	Cat. C2, 35,000 feet
5.0	Temperature Variation	Cat. B, 5°C/minute
6.0	Humidity	Cat. A, 95% RH, 48 hour exposure
7.0	Operational Shock	6g's/11ms
	Crash Safety	15g's/11ms
8.0	Vibration	
	Standard	4.12 G rms, 1 hour/axis
10.0	Waterproofness	Cat. S, Pressurized Stream
14.0	Salt Spray	Cat. S, 48 hour exposure
18.0	Audio Frequency Conducted Susceptibility--Power Inputs	Cat. Z
19.0	Induced Signal Susceptibility	Cat. Z
20.0	Radio Frequency Susceptibility (Radiated and Conducted)	Cat. W, 100V/m
21.0	Emission of Radio Frequency Energy	Cat. B
22.0	Lightning -Induced Transient Susceptibility	Cat. A4E4