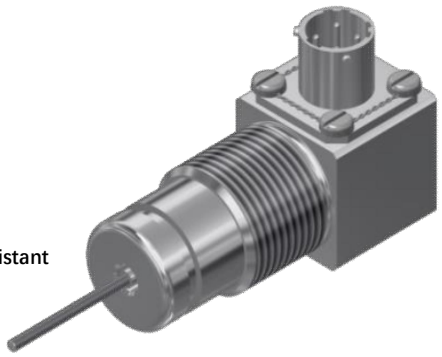
HD-190-127-AC
LVDT for Hydraulic Cylinders



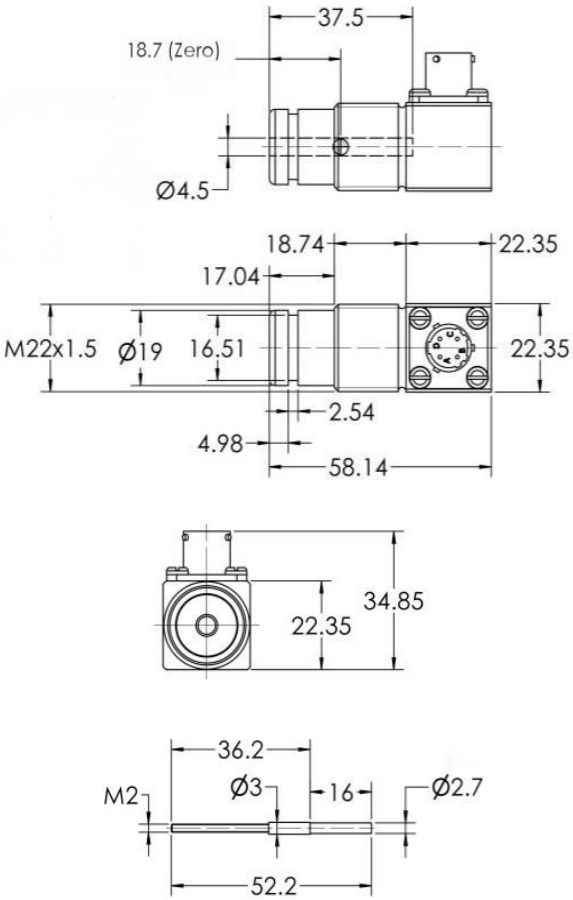
FEATURES

- Split-core rod design, easy installation
- Integrated mounting thread, easy installation
- O-ring seal structure, excellent sealing
- One-piece high-strength steel pressure tube, pressure & vibration resistant
- Innovative winding, shorter length
- Aviation connector, reliable connection
- Internal shielding, strong anti-interference

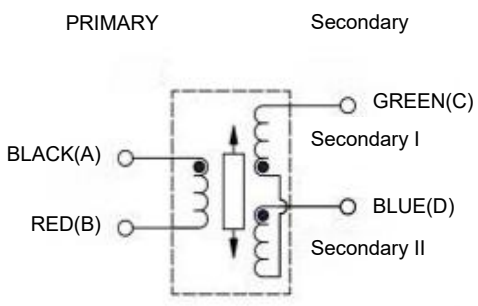
SPECIFICATIONS

Code	HD-190-127-AC
Stroke Range (mm)	±6.35mm
Power s Supply	7.07Vrms
Input Frequency	10KHz
Sensitivity, mV/V/mm	21mV/V/mm
Zero voltage	< 20mV
Non-linearity	<0.6%
Repeatability	< 0.1%
Operating Temperature	-40℃~135℃
TC of Sensitivity	< 0.01%℃
Wiring	PT02A-8-4P
Shock	1000g,11ms
Vibration	20g@2000Hz
Operating Pressure	35MPa
Mechanical Response	Depends on downstream electronics

Dimension [mm]



Wiring



Version | 01.2026