HD-125-800-AC
LVDT for Hydraulic Cylinders

FEATURES

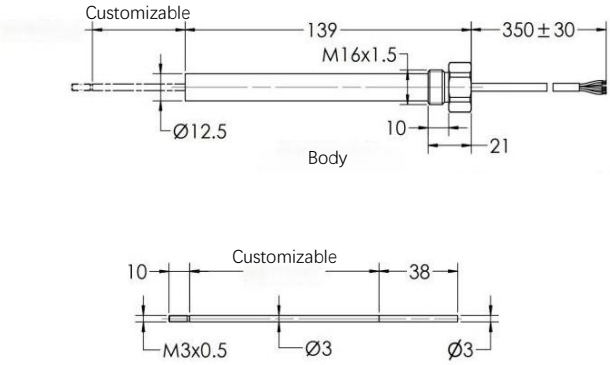
- Hydraulic cylinder displacement sensing
- Integrated one-piece housing, easy installation
- All stainless steel housing
- One-piece pressure tube, leak-proof
- ED-seal ring structure, excellent sealing
- Multi-layer shielding, strong anti-interference
- Compact structure, cost-effective



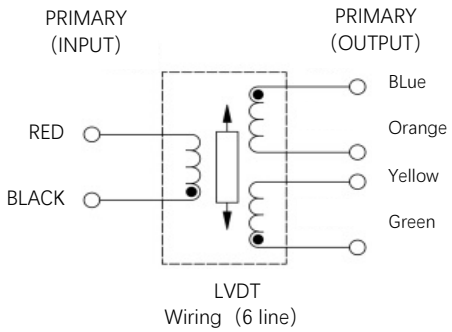
SPECIFICATIONS

Code	HD-125-800-AC
Stroke Range (mm)	±40mm
Power s Supply	3.5Vrms
Input Frequency	5KHz
Sensitivity, mV/V/mm	12mV/V/mm
Zero voltage	< 20mV
Non-linearity	<0.25%
Repeatability	< 0.1%
Operating Temperature	-40℃~135℃
TC of Sensitivity	< 0.01%℃
Wiring	Teflon wire, 32AWG
Shock	1000g,11ms
Vibration	20g@2000Hz
Operating Pressure	35MPa
Mechanical Response	5000Hz

Dimension [mm]



Wiring



LVDT
Wiring (6 line)

Version | 01.2026