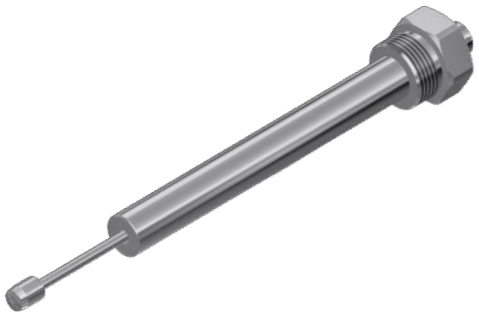
HD-190-800-DC Series
LVDT for Proportional Pumps

FEATURES

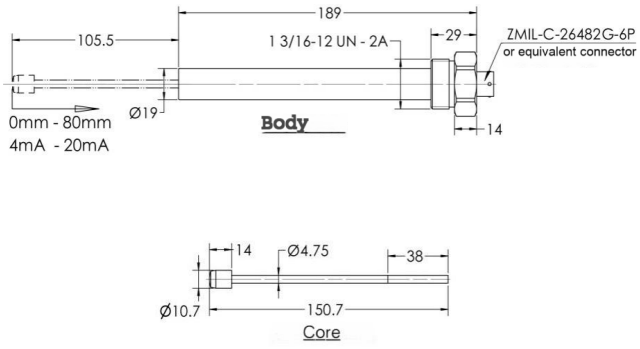
- Stainless steel one-piece housing, shock & pressure resistant
- Split-core rod design, easy installation
- Integrated mounting thread, easy installation
- ED-seal ring structure, excellent sealing
- Innovative winding, shorter length
- Built-in signal conditioning, universal analog output
- Internal shielding, strong anti-interference



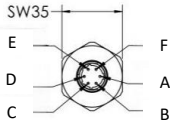
SPECIFICATIONS

Code	HD-190-800-XX	
Stroke Range (mm)	0...80mm	
Power s Supply	±15VDC	13~28VDC
Output	±5V/±10V	0-5V/0-10V/2-10V/4-20mA
Non-linearity	<0.6%	
Repeatability	< 0.1%	
Operating Temperature	-20℃...85℃	
TC of Sensitivity	< 0.05%	
Wiring	Aviation Connector	
Shock	1000g @ 11ms	
Vibration	20g@2000Hz	
IP Rating	IP68	
Mechanical Response	400 Hz@-3dB	
Operating Pressure	21MPa	
Displacement Cycle	> 10^7 cycles	

Dimension [mm]



Wiring

Connector	Output Singal	Wiring
Aviation Connector	0-5V/0-10V/2-10V/ 4-20mA/ ±5V/±10V	A:Singal B:NA C:NA D:GND E:Supply F:NA
		

Version | 01.2026