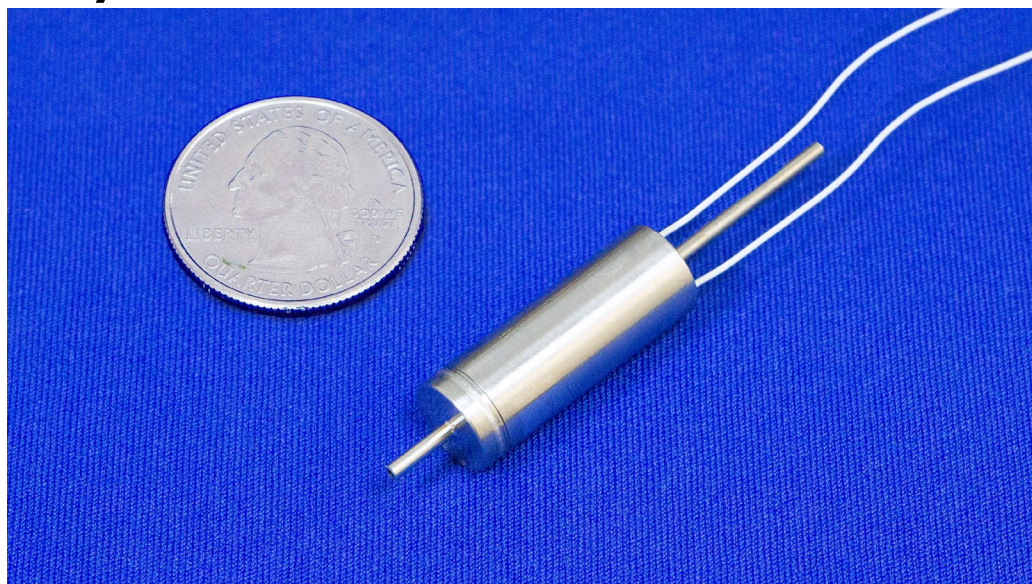


HIGH PRESSURE ULTRA-SMALL SOLENOID VALVE

HVD/HVDL Series (Under Development)



For Satellite Propulsion Applications

Features

- 10 MPa pressure rating
- Compact and lightweight

Specifications

Model Number		HVD-2-N1F	HVDL-2-N1F
Solenoid Type		Normally Closed	Latching
Orifice Diameter		0.4 mm	
CV Value		0.0045	
Port Connection		Pipe	
Operating Pressure Range		0 ~ 10 MPa (Inlet Port)	
Temperature Range		0 ~ 70 °C *1	
Rated Voltage		12 VDC	
Holding Voltage		3 VDC	N/A
Power Consumption	Rated Voltage	11 W	10 W
	Holding Voltage	0.7 W	N/A
Duty Cycle	Rated Voltage	Intermittent ED: 15% Maximum On Time: 1.0 s	Intermittent ED: 20% On Time: 0.05 ~ 0.1 s
	Holding Voltage	Continuous	N/A
Sealing Material		FKM (Optionally FFKM)	
Outer Dimensions		Dia.10 × L 55 mm	
Weight		14 g	

*1: The temperature range may change depending on the sealing material.
 Note: Details including specifications may change at any time without notification.

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