Rometec srl - www.rometec.it - info@rometec.it - Rometec srl - www.rometec.it - info@rometec.it | High Pressure Ultra-Small Solenoid Valve - HVA/HVAL Series

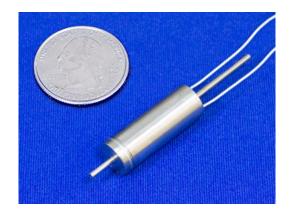


FEATURES / CHARACTERISTICS

- Ideal for Satellite Propulsion Systems/Thrusters
- 2 MPa pressure rating. (20 bar)
- Compact and lightweight.
- ISO19683 vibration and shock requirements met (HVA-2-MFF).
- Latching type (HVAL series) provides an option with low power consumption for a longer open state.

Model Number	HVA-2-MFF / HVA-2-N1F / HVAL-2-N1F						
Outer Dimensions	Diameter 6.2-8 x L34-58 mm						
Туре	2-way (NC) or Latching						
Port Connection	Gasket (Manifold Mount) or Pipe						
Orifice (mm)	0.4 mm						
Fluid Temperature Range	0~70°C*						
Rated Voltage	12 VDC						
Operating Pressure	0~2 MPa (Inlet Port)						
Seal Material	FKM (Optionally FFKM, PTFE)						
Weight	8 g						
Notes	Model Number		HVA-2-MFF	HVA-2-N1F	HVAL-2-N1F		
	Solenoid Type		2-way (Normally Closed)		Latching		
	CV Value		0.0035	0.0040			
	Port Connection		Gasket (Manifold Mount) Pipe				
	Holding Voltage		3 VDC		N/A		
	Power Consumption	Rated Voltage	6.5 W		7 W		
		Holding Voltage	0.4 W		N/A		
	Duty Cycle	Rated Voltage	Intermittent ED: 30% Maximum On Time: 1.0 s		Intermittent ED: 20% On Time: 0.05 ~ 0.1 s		
		Holding Voltage	Continuous		N/A		
	Outer Dimensions		Diameter 8 x L34 mm Diameter 6.2 x L58 r		x L58 mm		
	Note: Details such as specifications, etc., may be changed without notice. *: The temperature range may change depending on the sealing material.						

High Pressure Ultra-Small Solenoid Valve - HVD/HVDL Series



Max 10MPa (100 bar)

Model Number	HVD-2-N1F / HVDL-2-N1F						
Outer Dimensions	10 (Diameter) x 55 (Length) mm						
Туре	Normally Closed / Latching						
Port Connection	Pipe						
Orifice (mm)	0.4 mm (Diameter)						
Ambient Temperature Range	0~70°C*						
Rated Voltage	12 VDC						
Operating Pressure	0 ~ 10 MPa (Inlet Port)						
Seal Material	FKM (Optionally FFKM)						
Weight	14 g						
	Model Number		HVD-2-N1F	HVDL-2-N1F			
	Solenoid Type		Normally Closed	Latching			
	CV Value		0.0045				
	Holding Voltage		3 VDC	N/A			
Notes	Power Consumption	Rated Voltage	11 W	10 W			
		Holding Voltage	0.7 W	N/A			
	Duty Cycle		Intermittent ED: 15% Maximum On Time: 1.0 s	Intermittent ED: 20% On Time: 0.05 ~ 0.1 s			
		Holding Voltage	Continuous	N/A			
	Note: Details such as specifications, etc., may be changed without notice.						
*: The temperature range may change depending on the sealing material.							