

Stepper Motor Controlled Valve 100

Article-No.: Z-V 8000 0100



Design	
Weight	560 g
Material	Aluminum / PEEK
Power input	1.5 W min. 7.0 W max.
Voltage range	9-60 V DC
Drive system	Stepper Motor

Main characteristics

Electrically-driven valve for dynamic control of flow rates for cooling with two parallel circuits, e.g. for dielectric media or water/glycol

Precise control by stepper motor drive for intelligent regulation of flow rates

Optimized up to approx. 100 l/min volume flow

Installation independent of orientation

Function

Operation principle: Combined poppet/needle valve, double-sided design

Drive: Stepper Motor

Control Electronics

- Customer-specific interfaces (CAN, LIN, etc.)
- Time for maximum travel <26 s
- Emergency mode if the communication interface disconnects

Dimensions and Connections

- Length: 172 mm
- Width: 73 mm (without electrical connection)
- Height: 140 mm
- Hydraulic connections: 32 mm (1 ¼") inner hose diameter (other connections available)
- Electric connections: Souriau 8STA 0 10 04 PN, on vehicle side Souriau 8STA 6 10 04 SN
- Mounting: According to requirements

Measurements – Operating points

Medium: Water/Glycol
Temperature: 50°C



