

Product information

S-HV · Controller



Advantages

- Servo-amplifier in a rugged aluminium case
- Different methods of mounting for a fast integration
- Separable screw terminal strips
- Wide range of power supply voltage up to 11 – 70 V DC for different kinds of power supplies
- Protected against over current, overheat and short-circuit of the power outputs against each other
- The required operation mode is to be selected by setting jumpers
- Easy Setpoint Input
- MOSFET technology, efficiency 95%
- Nominal current up to 10 A, Max. current up to 20 A

Technical data

Velocity range	50 - 6000 rpm
Dimensions (L x W x H)	180 x 100 x 40 mm
Analog interface	1 (-10..+10 V, speed)
Weight	approx. 390g
Analog outputs	2 (current monitor, speed monitor)
Digital inputs	1 (24 V, Enable)
Digital outputs	1 (24 V, Ready)
Protection class	IP 20
Supply voltage	24/48 V DC (11-70 V DC)
Pump connector	screw terminal
Liquid temperature range	0 ... +45 °C
Mounting	along the back
Remarks	subject to technical changes

Notice

Even if single parameters are within the indicated performance range of technical data, certain parameter combinations may not be achievable. Single parameters may exceed their indicated performance range under adequate circumstances. For detailed evaluation please contact HNP Mikrosysteme. Actual performance may vary. Specifications are subject to change without notice.

Patents and trademarks

Micro annular gear pumps (and housings) are protected by assigned patents: EP 1 354 135 B1; US 7,698,818 B2; DE 10 2011 001 041 B4; CN 103 348 141 B; US 10,012,220 B2; CN 103 732 921 B; US 9,404,492 B2; US 6,520,757 B1.

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