



MP.CPP1.150

Circular Peristaltic Pump

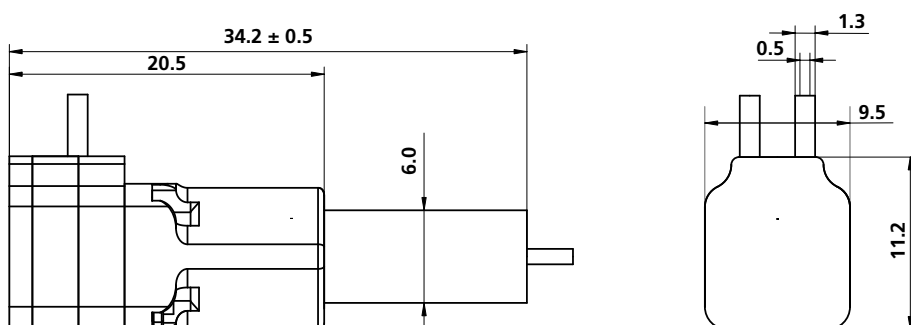
For low pump rates in fluids and gases

A product of Jobst Technologies

Benefits & Characteristics

- Pumping of various liquids and gases
- Pump rates in the range 10 μl up to 150 $\mu\text{l}/\text{min}$
- Medium only in contact with medical grade silicone tube
- Small footprint
- Evaluation kit available that allows to control up to 4 pumps via plug & play to the USB port of a computer

Illustration

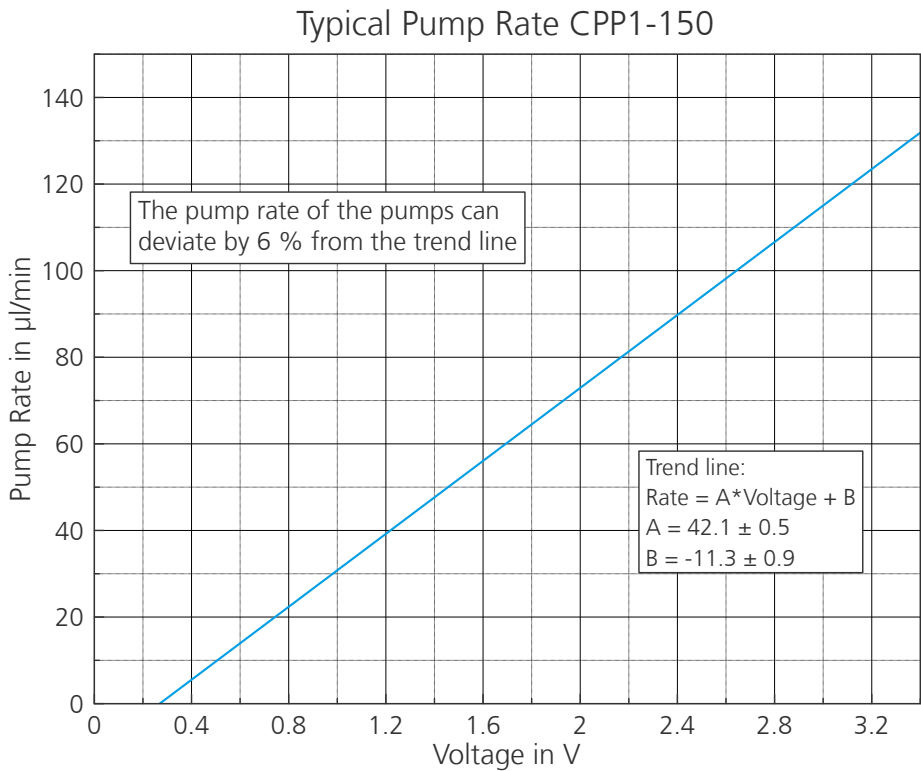


Technical Data

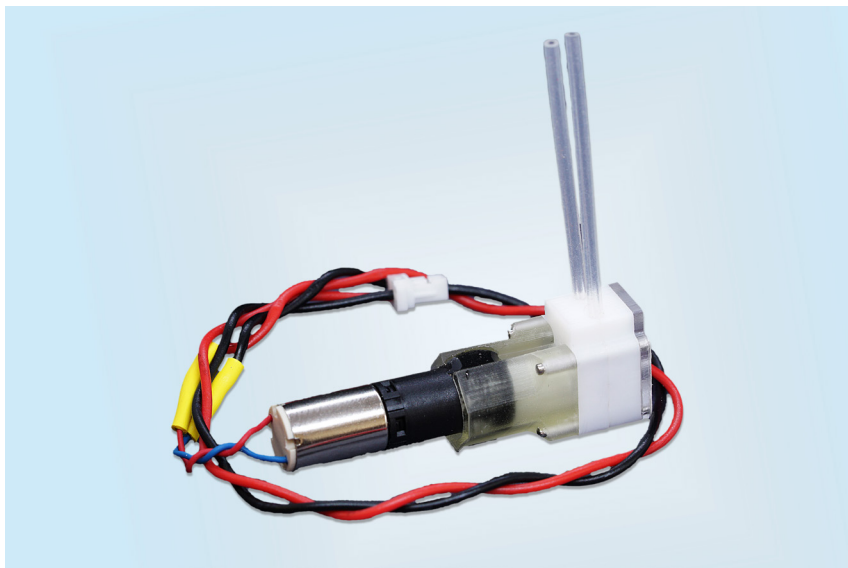
Dimensions (L x W x H in mm):	9.5 x 11.2 x 34.2
Weight:	3.3 g (without connector)
Flow range:	10 μl to 150 $\mu\text{l}/\text{min}$
Operation:	Bi-directional
Outlet pressure:	Up to 2 bar overpressure
Self-priming:	< -0.9 bar
Typical current:	30 mA at 3.3V
Max. voltage:	$\pm 3.3\text{V}$ DC
Tube material:	Silicone (ISO 10993-1, USP class 1-6)
Tube dimension:	0.5 mm (inner \varnothing) / 1.3 mm (outer \varnothing)
Lifetime typical:	>170 operating hours at 3V >1000 operating hours at 1.5V
Available connectors:	JST-SH female, pin-head male or pin-head female



Pump Rate



Product Image





Order Information

	Connector	Part number	Wire length*
Order code	JST-SH female 151401	MP.CPP1.150.DWBP.33.JSF.168.SI01	168 mm
Order code	Pin-head male on request	MP.CPP1.150.DWBP.33.PHM.018.SI01	18 mm
Order code	Pin-head female on request	MP.CPP1.150.DWBP.33.PHF.018.SI01	18 mm

* different wire lengths upon request

Disclaimer

Evaluation product for professionals to be used solely for research and development purposes! Not for medical and diagnostic use. Not to be used on humans. For more information contact IST AG.



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