



B.CPP1.180.ZM

Circular Peristaltic Pump

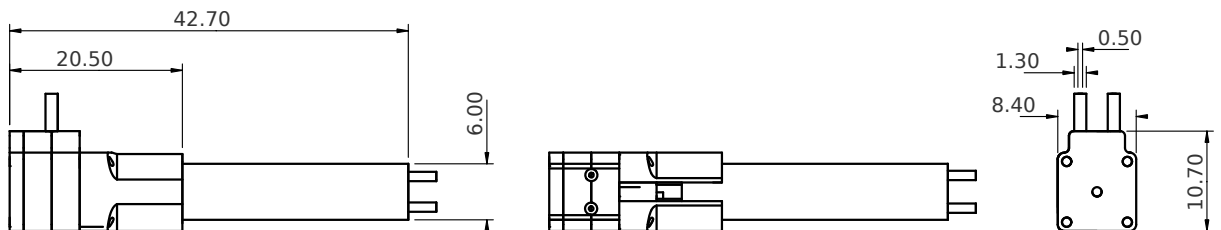
For very low pump rates in fluids and gases

A product of Jobst Technologies

Benefits & Characteristics

- Pumping of various liquids and gases
- Pump rates from only 150 nl up to 180 $\mu\text{l}/\text{min}$
- Excellent linearity along the full pump rate range
- Medium only in contact with medical grade silicone tube
- Long life-time
- Small footprint
- Evaluation kit available that allows to control up to 4 pumps via plug & play to the USB port of a computer

Illustration

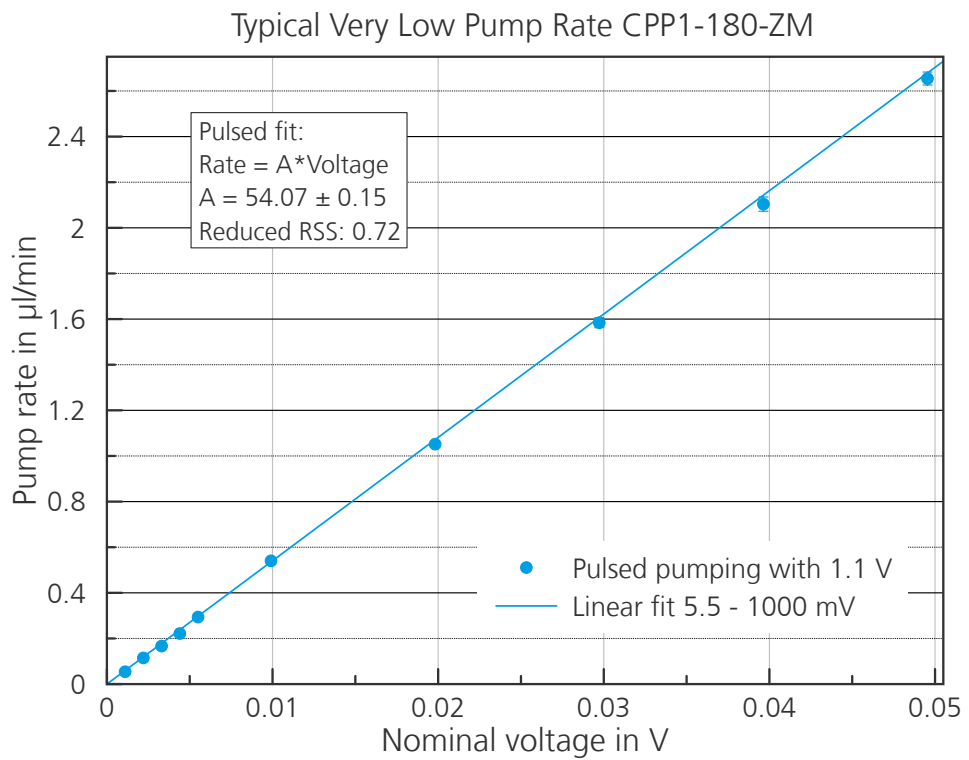
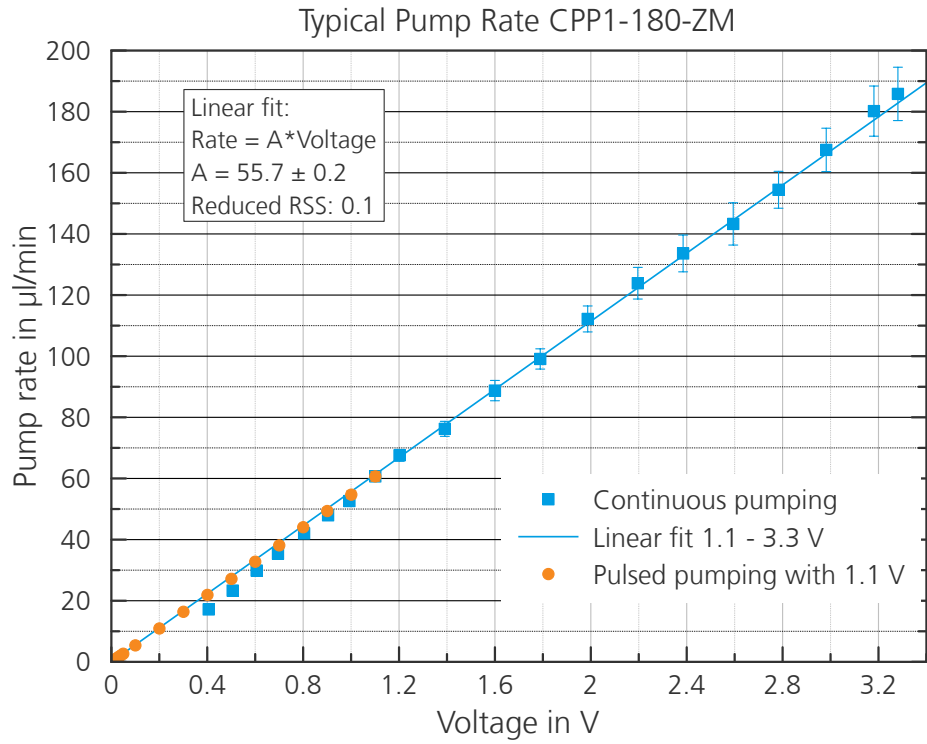


Technical Data

Dimensions (L x W x H in mm):	8.4 x 10.7 x 42.7
Weight:	5.6 g (without connector)
Flow range:	0.15 to 180 $\mu\text{l}/\text{min}$
Operation:	Bi-directional
Outlet pressure:	Up to 2 bar overpressure
Self-priming:	< -0.9 bar
Typical current:	30 mA at 3V
Max. voltage:	$\pm 5\text{V}$ 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:	>1000 operating hours at 3V
Available connectors:	JST-SH female, pin-head male or pin-head female



Pump Rate





Product Image



Order Information

	Connector	Wire length*
Order code	JST-SH female MP.CPP1.180.DWBM.33.JSF.168.SI01	168 mm
Order code	Pin-head male MP.CPP1.180.DWBM.33.PHM.018.SI01	18 mm
Order code	Pin-head female MP.CPP1.180.DWBM.33.PHF.018.SI01	18 mm

* different wire lengths upon request

Disclaimer

Not for medical, diagnostics and usage on humans. For evaluation use only.



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