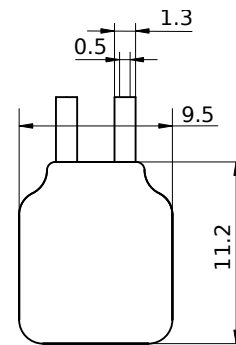
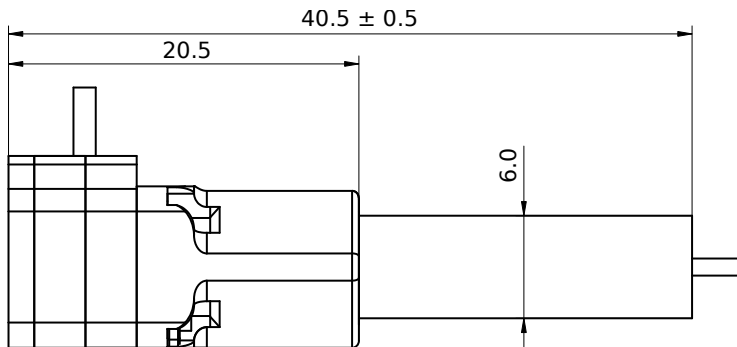
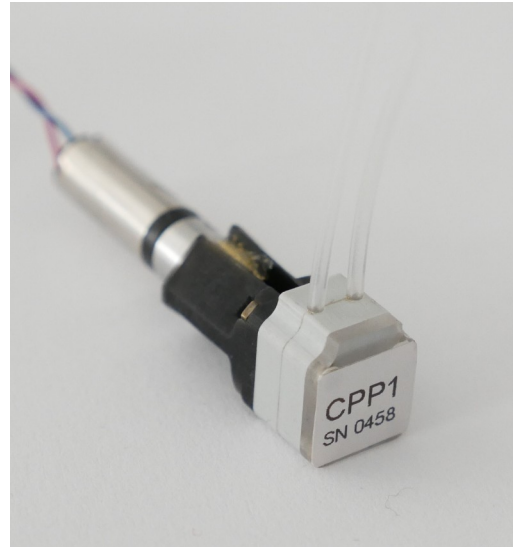


CPP1-1000-ZM micro pump

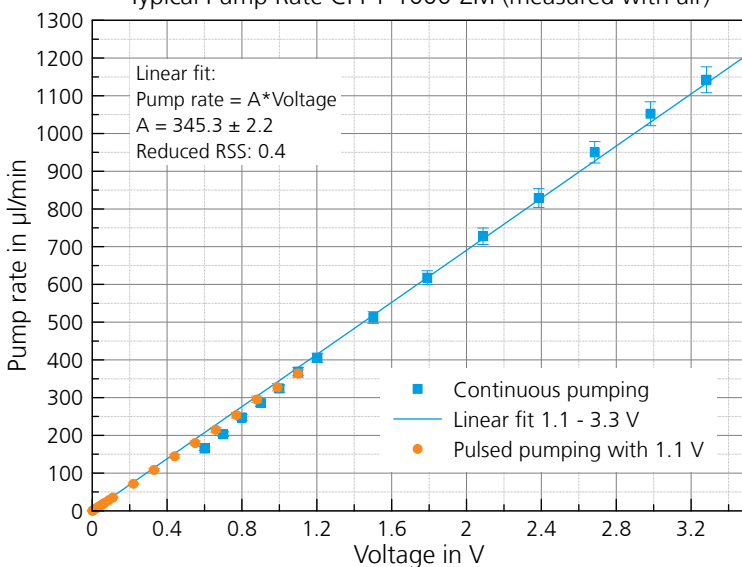
Circular Peristaltic Pump for high pump rates

- Intended use:** Pumping of aqueous fluids and gases
 - Weight:** 5.3 g (without connector)
 - Size:** 9.5 × 11.2 × 40.5 mm
 - Flow rate range:** 1 to 1700 µl/min
 - Operation:** Bi-directional
 - Outlet pressure:** Up to 2.0 bar overpressure
 - Self-priming:** < -0.9 bar
 - Typical current:** 45 mA @ 3.0 V
 - Maximum voltage:** ± 5 V DC
 - Tube material:** Silicone (ISO 10993-1, USP class 1-6)
 - Tube dimension:** 0.5 mm inner / 1.3 mm outer diameter
 - Lifetime, typical:** > 600 operating hours @ 3.0 V
restriction when pumping gases:
continuous operation of max. 1.5 hours
- Available connectors:** JST-SH female, Pin-head male or female
Part number: MP.CPP1.999.DWBM.50.JSF.168.SI01

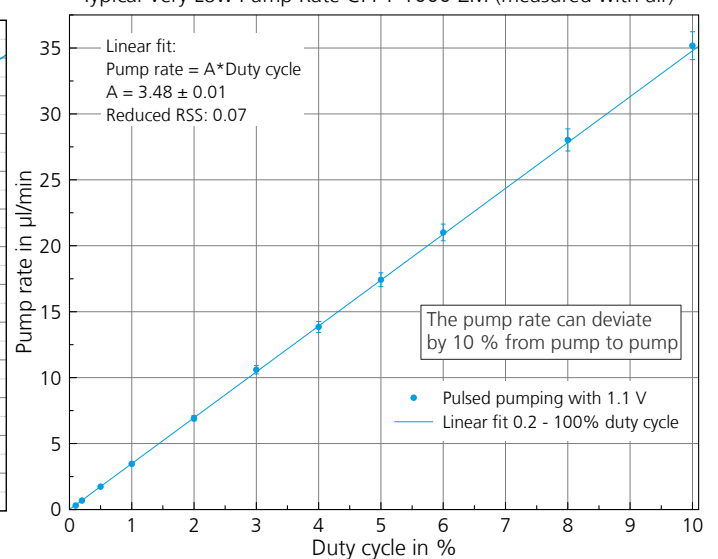


Typical performance

Typical Pump Rate CPP1-1000-ZM (measured with air)



Typical Very Low Pump Rate CPP1-1000-ZM (measured with air)



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.