



D260S-V Brushed Micropump Range

RS MICROPUMPS: 7026898

(Patents Pending, Quality Assured ISO 9001, RoHS compliant)

INTRODUCTION

The RS D series Micropumps are high-quality self-priming miniature pumps for liquids and gases. They are highly efficient, small, and lightweight. The solid construction and wide temperature tolerance, enable them to perform reliably even in hostile environments. Your Micropump can be quickly and easily installed into the smallest spaces, in a vast range of laboratory, prototype and production equipment

ELECTRICAL CONNECTION

CAUTION: REVERSED OR INCORRECT CONNECTION WILL PERMANENTLY DAMAGE THE ELECTRONICS IN YOUR PUMP!

Supply

Voltage: 2.0v to 4.5v DC

Connection

Positive +: Red Lead
Negative -: Black Lead

Your Micropump can be connected to batteries, a DC power source of up to 4.5V or an adjustable PSU.

Pumping rate can be adjusted by varying input voltages between 2.0v and 4.5v dc. Further fine tuning can be made by restricting the outlet of your pump using a fixed jet restriction or flexible tubing and an adjustable clamp. The pump is quite happy to run even with the outlet completely blocked with gases but the **flow must NOT be blocked when pumping fluids** as pressure inside the pump will increase and damage may occur.



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Materials

D260 Pump Head:	Stainless Steel 316
Housing:	Polyacetal
Connectors:	Stainless Steel 316
Seals options:	FKM

TUBING

D200 series:	2.4mm (3/32") bore semi-flexible tubing
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Notes on Operation

All 'D series' pumps are self-priming by design. Simply connect the pump into your flow circuit, noting the flow direction shown below, and begin pumping.

