

Datasheet

RS Stock No. 9146969

RS Pro Brushless Long Life Centrifugal Pump

Overview : Long Life Brushless Micro Pump for Liquids

The M400 series range of pumps are driven by a brushless drive motor with built in electronic controller. Constructed from precision CNC machined aluminium alloy with stainless steel tubing connectors and fitted with Viton seals as standard. Alternative seal materials and optional wetted part coatings and materials are also available enabling this pump range to resist most chemicals and solvents. The pump uses efficient push fit connectors designed for 6.0mm (S variants) or 3.2mm (K variants) flexible tubing. A 220mm electrical fly-lead is fitted as standard. A feedback wire is included, which can be used optionally, to measure pump speed/output.

Pump Variants



M400S - Standard pump suitable for most applications



M400K - Standard pump for small bore tubing



M400-180 - Standard pump for inline flow connection
Available in both S and K variants



M400-SUB - Pump for submersion in pumping medium
Available in both S and K variants

Typical Applications

- Medical devices
- Fuel Cells
- Battery and Solar Powered Systems
- Cooling Systems
- Low Pressure Fuel Pump
- Lubrication systems

Features

- Brushless drive motor + integral controller
- CNC aluminium alloy construction
- Quiet pulseless smooth flow
- Small size only 41 x 26 x 25 mm
- Weight 32g
- Free flow up to 2600ml per minute (water)
- Usable with solar power, PSU or batteries
- Wide range of chemical resistance

