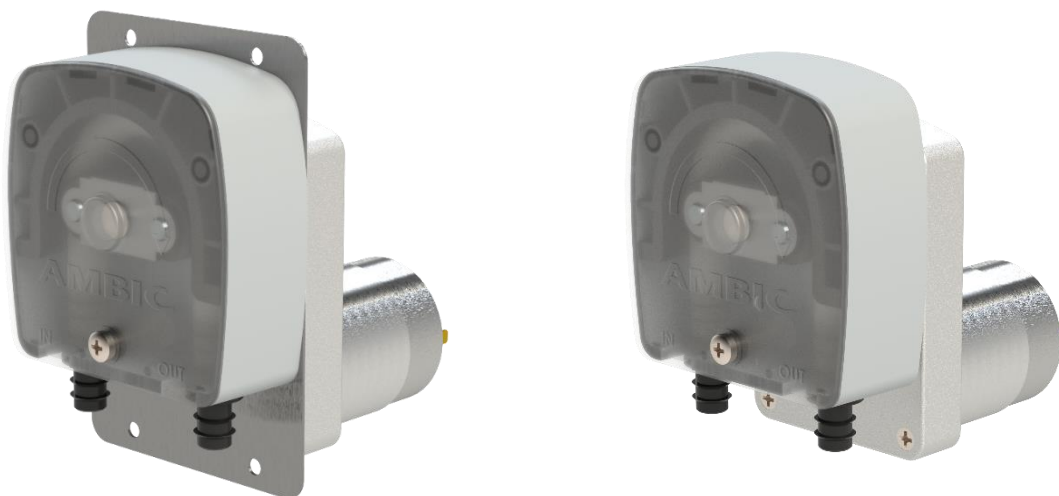


Product Technical Datasheet



Product name	Fixed-speed Low and Medium-volume Peristaltic Pump with Metal Gears LM/M-12 or -24**
Pump Housing	ABS Grey, Clear or a combination of both
Motor/Gearbox	Metal, Copper & Grease
Other Parts	Polypropylene Spigots, Nylon Rollers, Stainless Steel Bracket & Pins
Peristaltic Tube	Santoprene or Silicone
Supply Voltage	12V or 24V DC
Running Current	Depends on speed and voltage of the motor – available on request.
Capacity	Flow rate tested using water at room temperature – see table overleaf.
Dimensions	118.5 x 77 x 107.8mm without mounting plate 119.4 x 78 x 120mm with mounting plate
Net Weight	0.775Kg without mounting plate; 0.835Kg with mounting plate
Fixing	In an existing cut-out in your cabinet or supplied with a stainless-steel plate/cabinet – at a maximum height of 3m from the drum.

Product Technical Datasheet

Background

A range of rugged, reliable and easy to install Low-volume Peristaltic Pumps ideal for injecting precise doses of a wide range of liquids. The peristaltic pump technology used includes spring-actuated rollers that will extend the life of the tubes, reducing the need for replacement and thus saving money. Flow control can be provided easily using various tubing options that are available: a range of bore sizes and tube materials enable compatibility with most chemicals.

Features

- Pump tubes are not exposed, and pumped product only makes contact with the tube.
- Positive displacement.
- Self-priming to a height of 3 metres.
- Easy to install and operate, with no backflow or siphoning.

Optional:

- Tank connectors, reinforced PVC tube or tube stiffeners.
- Also available fitted in a plastic enclosure.

Tested using water at room temperature; figures shown are nominal.

Output	RPM	Tube Size							
		3.2 Bore		4.6 Bore		6.3 Bore		8.0 Bore	
		Code	ml/min	Code	ml/min	Code	ml/min	Code	ml/min
Fixed	62	01	80	11	150	21	250	31	350
	94	03	110	13	225	23	340	33	550
	125	05	160	15	320	25	500	35	750
	156	07	180	17	340	27	610	37	850
	188	09	240	19	470	29	750	39	1000

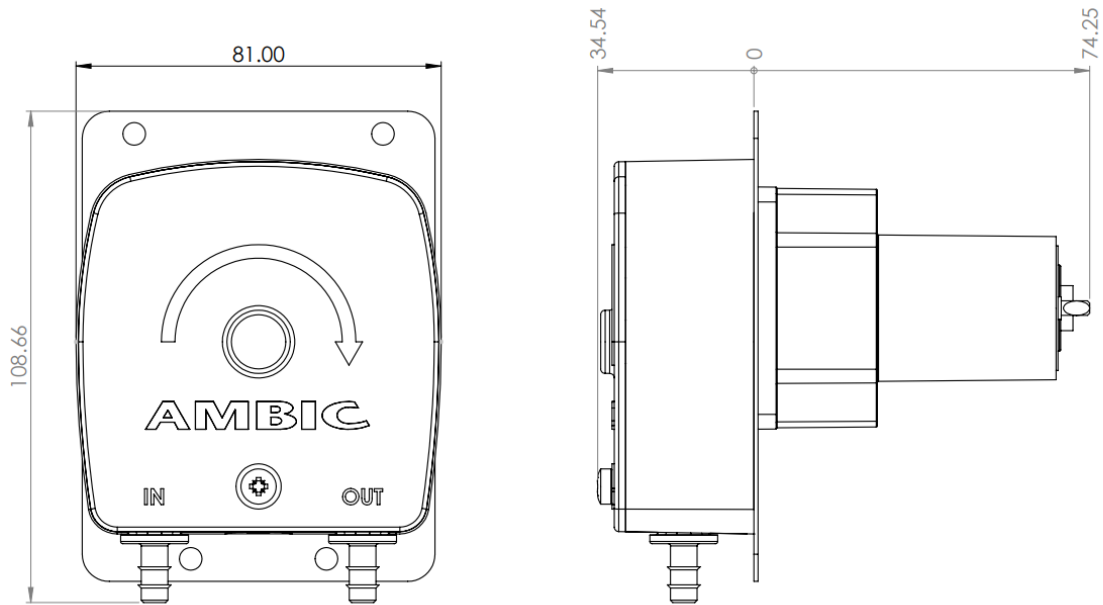
Product code example: 12 Volt pump with fixed output, running at 62rpm and using a 3.2 bore Santoprene tube will have product reference: **LM/M-12-SA01**

Maintenance

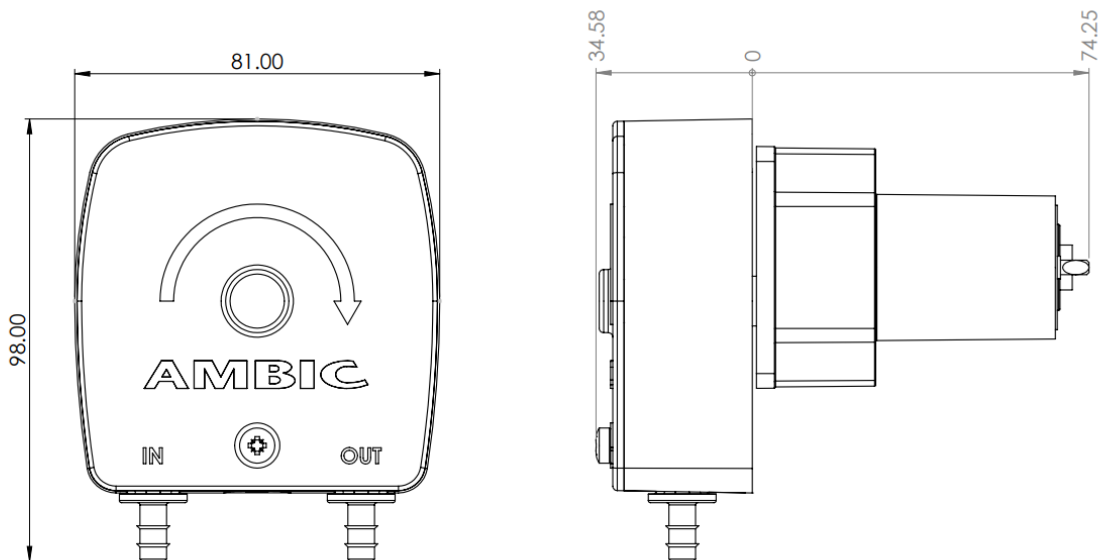
All peristaltic pump tubes should be greased regularly with silicone grease and periodically replaced with a new tube to maintain the pump delivery.

Product Technical Datasheet

With Mounting Plate:



Without Mounting Plate:



Product Technical Datasheet

Disposal:

Where financially viable return to Ambic Equipment Ltd, otherwise dispose of under current local policies.

Manufactured in the UK

HS Commodity Code: 84136080



UK
CA | C E RoHS

The information in this leaflet is for general information and guidance only. Ambic Equipment Ltd warrants that the products are free from defects in material and workmanship for a period of 1 year from the date of delivery. The tubing is considered a consumable and not covered under warranty.

The warranty does not extend to free of charge samples or to products which have been subjected to misuse, abuse, neglect, improper storage, lack of maintenance, or modification without authorisation.

PLEASE NOTE – Ambic Equipment Ltd cannot recommend a pump for any particular application. Ambic Equipment Ltd can offer a pump that matches your specification, but it is up to the customer to make the decision on suitability for the final application. Ambic Equipment Ltd cannot be held responsible for pump failures or consequential losses for the final application.