LANGO®

Micro Selenoid Metering Pump

LT Serials Technical Brochure

DC12V /24V Power
Pulse Signal Control



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The LT series is a diaphragm metering pump which consists of a pump head, drive unit and control unit.Adiaphragmisdirectlydrivenbyelectromag-neticforce.

The pulse signal controls the electromagnetic force in order to make the reciprocating motion that is assisted by spring force.The reciprocating motion is transferred to a diaphragm through a plunger and then volumetri change occurs in the pump head.This action transfers liquid along with pump head valve action.

CHARACTERISTIC

1.DC12V or DC24 powered.
2. 0-720strokes per minute internal or external control.
3. Pulse signal control.
4. The minimum flow rate is 0.055ml per stroke.
5. Pump operating rate should not exceed 720spm even if the external signal input pulse exceeds 720spm.

Parameter Table

Model	Flow ml/min	Pressure Bar	Max Speed SPM	Current	Power	Diaphragm mm	Connection
LT-1	38	2	720	1.5A	5.6W DC 12V	24	4*6mm PTFE tube
LT-2	38	2	720	1.0A	5.6W DC 24V		

Liquid End Material

Head	Ball	Seat	Cover	Gasket	Oring	Diaphragm
PVDF	Ceramic	PVDF	PVDF	PTFE	PTFE	Composite PTFE

Installation Drawing

