

BLM5 DC LATCHING SOLENOID

Availability
DC only
PULL - THRUST - PULL & THRUST

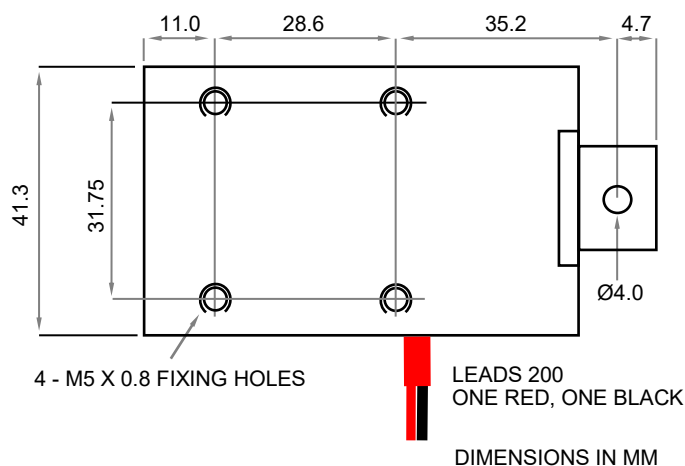
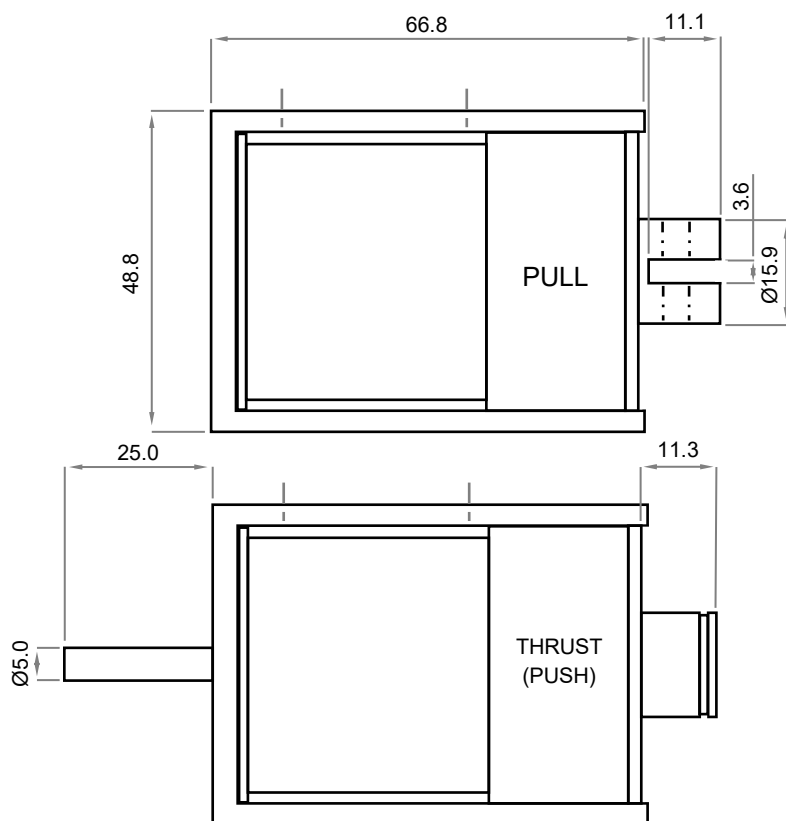
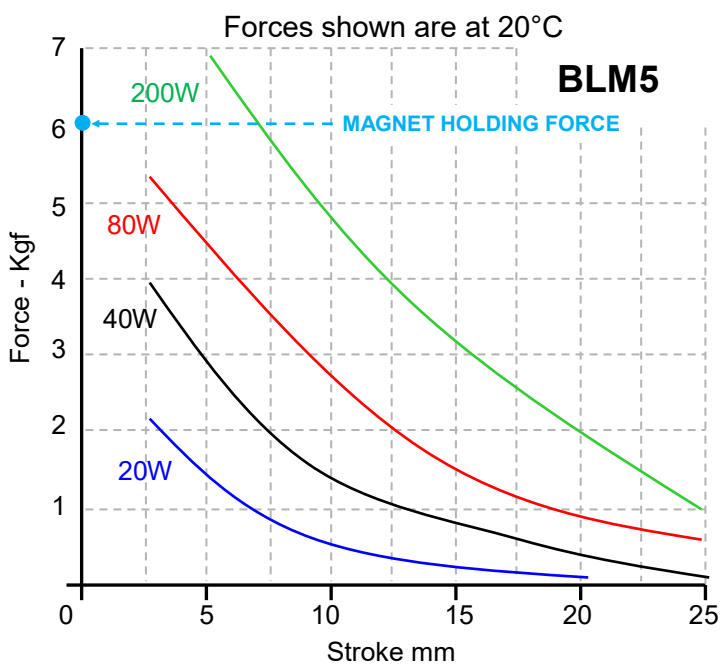
**Solenoid shown in
energised position**

Weight complete 553g
Plunger weight 92g max

Solenoid CLOSSES with
RED Lead + VE
Solenoid OPENS with
BLACK Lead + VE

Minimum Pulse duration - 100ms
De-latch power - 2W

External force is required when de-latching,
i.e. via mechanism or return spring.



Optional

Return Spring
Nylon Tip

Example Applications

- Electronic Locks
- Medical Cabinets
- Vending Machines
- Battery Operated Locks

**** Please note: Fixing, plunger coupling, thrust rods and lead length can all be customised ****
We reserve the right to alter or amend designs without prior notice.

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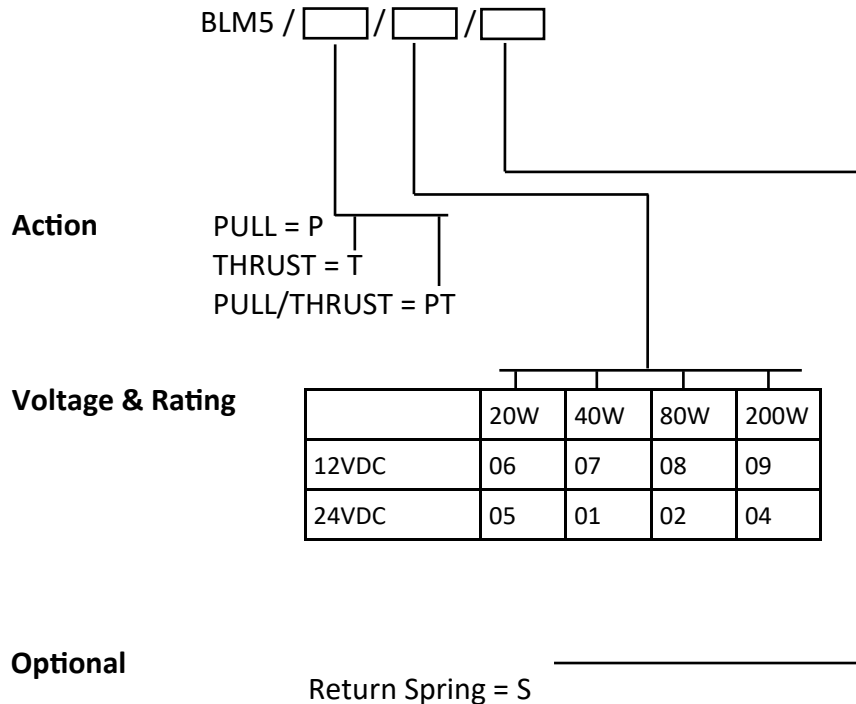
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BLM5 Rev 6 - 2019

CODING

Please use the standard coding below when advising your design requirement.



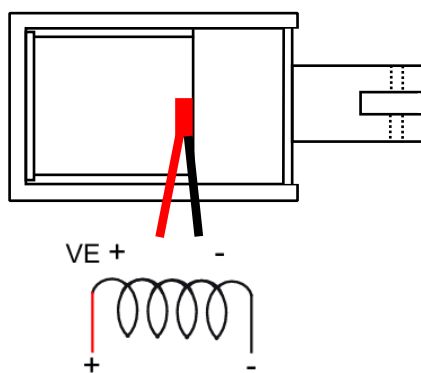
Example - BLM5 / P / 01 / S

Other voltages are available on request.

Fixing, plunger coupling, thrust rods and lead length can all be customised.

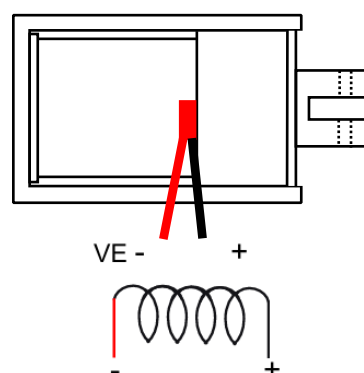
All solenoids come with flying leads as standard, should you require spade connectors please contact our sales team.

Operating Principle



Plunger in Open position free or maintained by an external force.

- 1, Energise coil, plunger PULLS or THRUSTS (PUSHES) to closed position.
- 2, Pulse to coil finishes, permanent magnets hold the plunger closed.



Plunger in Closed position held by permanent magnets.

- 1, Energise coil with lower voltage reverse polarity pulse.
- 2, Mechanical assistance is required when de-latching to open position. (ie Return Spring)

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