



# Certificate of Compliance

This certificate is issued for the following:

## **GAS SAFETY SHUTOFF VALVES**

**Model DMV-(D, DLE)5xxx/11 – (6(0,1,2,3)2) ECO**  
**Sizes DN65, DN80, DN100 and DN125**

### **Prepared for:**

**Karl Dungs Inc**  
**3890 Pheasant Ridge Drive NE, Ste 150**  
**Blaine, MN 55449**

FM Approvals Class: 7400

Approval Identification: 0003047863

Approval Granted: August 29, 2013

To verify the availability of the Approved product, please refer to [www.approvalguide.com](http://www.approvalguide.com)

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

A handwritten signature in black ink, appearing to read 'Richard B. Dunne'.

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Richard B. Dunne  
Group Manager – Fire Protection  
FM Approvals  
1151 Boston-Providence Turnpike  
Norwood, MA 02062



## Gas Safety Shutoff Valves

A gas safety shutoff valve is installed in the supply piping to the main and pilot burners of gas-fired equipment to shut off the gas during idle periods or if various unsafe operating conditions exist.

A gas safety shutoff valve is held open either by electric energy or by gas or air pressure. It is self-closing within five seconds after the holding medium (electric or pressure) is cut off. The valve can be opened, either manually or automatically, only after the holding medium is applied. An FM Approved valve is suitably enclosed and cannot be readily bypassed or blocked in the open position. Valves which provide a proof-of-closure switch to permit supervision of their closed position (valve seal over-travels to actuate an interlock) are shown by a †† following the model designation(s). This feature may be either standard or an optional accessory.

Strainers are advisable in the inlet piping, as close as practicable to these valves.

When ordering, specify the actual condition for each of the items in the table below. Specify voltage and frequency of power supply, maximum pressures to be encountered, desired opening and tripping pressures, and any unusual temperature, corrosive atmosphere or dust condition in the vicinity.

Except as noted, valves listed are suitable for manufactured, natural or LP-Gas. Where other gases are involved, FM Approvals should be consulted.

## Gas Safety Shutoff Valves, Automatic Opening, Electric Opening and Holding

### Model DMV-(D, DLE)5xxx/11 – (6(0,1,2,3)2) ECO

| <i>Designation</i>                         | <i>Nominal Pipe Size</i> | <i>Pressure Rating, psi (mbar)</i> | <i>Remarks</i> |
|--------------------------------------------|--------------------------|------------------------------------|----------------|
| DMV-(D, DLE)5065/11 –<br>(6(0,1,2,3)2) ECO | DN65                     | 7<br>(500)                         | a, b           |
| DMV-(D, DLE)5080/11 –<br>(6(0,1,2,3)2) ECO | DN80                     | 7<br>(500)                         | a, b           |
| DMV-(D, DLE)5100/11 –<br>(6(0,1,2,3)2) ECO | DN100                    | 7<br>(500)                         | a, b           |
| DMV-(D, DLE)5125/11 –<br>(6(0,1,2,3)2) ECO | DN125                    | 7<br>(500)                         | a, b           |

Remarks:

- a. Approved when equipped with an actuator voltage of 24 VDC, 110 VAC or 230 VAC
- b. Approved when equipped with an NBR or Viton valve seat material only

|                                     |                                                                    |
|-------------------------------------|--------------------------------------------------------------------|
| <b>Company Name:</b>                | Karl DUNGS Inc                                                     |
| <b>Company Address:</b>             | 3890 Pheasant Ridge Dr NE, Suite 150 Blaine,, Minnesota 55449, USA |
| <b>Company Website:</b>             | <a href="http://www.dungs.com">http://www.dungs.com</a>            |
| <b>New/Updated Product Listing:</b> | No                                                                 |
| <b>Listing Country:</b>             | United States of America                                           |
| <b>Certification Type:</b>          | FM Approved                                                        |