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

Models DMV-D, DMV-DLE, DMV-ZRD, DMV-ZRDLE

Dual Modular Valve, DMV-D and DMV-DLE Series

Models DMV-D (or -DLE) 701 (or 702, 703) suffixed /602; 1⁄2, 3⁄4, 1, 1 1⁄4, 1 1⁄2, 2 and 2 1⁄2 in. NPT. DMV 701, 702, and 703 models suffixed /612, /622, or /632 are for proof of closure overtravel applications. Models DMV-D and DLE 701, 702, 703 suffixed with additional L at the end are identical to above models except with valve connector packaged in box.

Models DMV-D (or -DLE) 702 or 703 model suffixed /604L; 1⁄2, 3⁄4, 1, 1 1⁄4, 1 1⁄2, and 2 in. NPT. are for NEMA 4X applications. DMV 702, and 703 models suffixed /614L, /624L, or /634L; are for NEMA 4X applications and proof of closure overtravel applications.

Models DMV-D (or -DLE) 525/11: 2" NPT.

Models DMV-D (or -DLE) 5040/11, 5050/11, 5065/11, 5080/11, 5100/11, 5125/11; 50, 65, 80, 100 and 125 DIN.

Models DMV-ZRD (or -ZRDLE) 701 (or 702, 703)/602; 1⁄2, 3⁄4, 1, 1 1⁄4, 1 1⁄2 and 2 in. NPT. DMV ZRD and ZRDLE 701, 702, and 703 models suffixed /612, /622, or /632 are for proof of closure overtravel applications. Models DMV-ZRD and ZRDLE 701, 702, 703 suffixed with additional L at the end are identical to above models except with valve connector packaged in box.

All DMV series are 7 psi (0.5 bar) MWP. Operating voltage 120 V ac, 240 V ac, 24 V ac or 24 V dc. Available with Model CPI 400 open and closed position electrical indicator/switch with NEMA4 housing, Type K01/1 open and closed position indicator switch, GAO (or GMH, GML)-A2 pressure switches, VPS 504 S06 valve proving system and FRI .../6 series pressure regulators. Available with a vent block adaptor to allow venting between the dual valves.

Company Name:	Karl DUNGS Inc
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Company Website:	http://www.dungs.com
New/Updated Product Listing:	No
Listing Country:	United States of America
Certification Type:	FM Approved

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