



Certificate of Compliance

This certificate is issued for the following:

Gas Safety Shutoff Valves

VAS, VAD, VAG, VAH and VAV Series

Sizes 3/8 to 2-1/2 inch NPT and Rp

MODIFICATION

Prepared for:

**Elster GmbH
Strotheweg 1
Lotte, D-49504
Germany**

FM Approvals Class: 7400

Approval Identification: 0003051061

Approval Granted: March 5, 2014

This certificate Supersedes the Certificate of Compliance dated February 21, 2014

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

For more than 160 years FM Approvals has partnered with business and industry to reduce property losses.

A handwritten signature in black ink, appearing to read 'Richard B. Dunne', is written over a white rectangular background.

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

March 5, 2014

Date



Member of the FM Global Group

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 VAS (or VAD, VAG, VAH, VAV) 1 (or 2, 3)

VAS (or VAD, VAG, VAH, VAV) 1 (or 2, 3) with or without T, -10 (or -0, 15, 20, 25, 32, 40, 50, 65), with or without/10 (or 0, 15, 20, 25, 32, 40, 50, 65, -) N (or R), /N (or L), W (or Q, K), with or without SR (or SL, GR, GL), with or without -25 (or/-50,-100), with or without A (or B), with or without K (or E, N).

Company Name:	Elster GmbH
Company Address:	Postfach 2809, Osnabruck D-49018, Germany
Company Website:	http://www.kromschroeder.de
New/Updated Product Listing:	No
Listing Country:	Germany
Certification Type:	FM Approved