

VALVARIO VALVES

VAA Solenoid valve for air

Solenoid valves for air for staged control of industrial burners in cold-air operating mode.

Overview



Solenoid valves for air for staged control of industrial burners in cold air operating mode.

Features & Benefits:

- Currentless closed, pu max. 500 mbar, with blue pilot lamp, with flow adjustment
- Size: 1 to 3
- DN: 15 to 65
- Connection: thread or flange
- Quick opening, quick closing, slow opening, quick closing or slow closing
- Mains voltage: 24 V~, 120 V~ or 230 V~
- Electronical connection: terminals or standard plug with socket.
- following versions are available:
- Valves with signal switch and optical position indicator
- Valves with variably adjustable bypass

More Information:

- [Technical Information for VAA](#)
- [Find spare parts in PartDetective for VAA](#)

Specifications

FUEL, GAS & MEDIA SPECIFICATIONS

Gas Type

- Clean, dry air only
- No condensate allowed

DIMENSIONS & WEIGHT

Maximum Installation Height

- 2000 m AMSL

ENVIRONMENTAL CONDITIONS

Ambient Temperature Range



- -20 to +60 deg C (-4 to +140 deg F)

Enclosure Rating

- IP65

ACTUATION, VALVE & MOTION CONTROL SPECIFICATIONS

Position Switch Options

- VAA..S (visual), VAA..G (24VDC)

Position Switch Rating

- S: 12-250VAC; G: 12-30VDC

Opening Variants

- VAA../N (<1 s), VAA../L (up to 10 s), VAA../R (4 s)

Closing Time

- VAA../N and VAA../L: <1 seconds
- VAA../R: 4 seconds

Valve Type

- Normally closed; opens when powered

CONNECTIONS & INTERFACES

Electrical Connections

- M20 X 1.5 Cable Gland or En 175301-803 Plug

Connection Type

- Rp Thread, NPT Thread, ISO Flange

PROCESSING & PERFORMANCE METRICS

Flow Adjustment Range

- 20 to 100% adjustable with visual indicator

Duty Cycle

- 100%

ELECTRICAL SPECIFICATIONS

Maintenance Interval

- Annual functional check recommended

Switching Frequency

- N: 30/min, L: 2/min, R: 6/min

Voltage Rating

- 230/200/120/100 VAC; 24 VDC

PRESSURE SPECIFICATIONS

Inlet Pressure Range

- 500 mbar (7.25 psig)

ALARMS, STATUS & DIAGNOSTICS

LED Indicator

- Blue LED for energized/open



Bypass Option

- Variable bypass (retrofit) Order No. 74926325

MATERIAL SPECIFICATIONS

Body Material

- Aluminium housing, EPDM seals

APPLICATIONS & COMPATIBILITY

Applications

- Staged control of industrial burners in cold-air mode

STANDARDS & CERTIFICATIONS

Approvals

- CE, EN 161, UL429, CSA C22.2 No.139-19

Filters

▼ CATEGORY	
☒ Base Part	
☒ Spare Part	
▼ TYPE	
☒ Solenoid Valve	
Search	
Part Number	KS88035685
Description	VAA240R/NW
Category	-
Type	-
	Order Online
Part Number	KS88035744
Description	VAA350R/RQ
Category	Base Part
Type	Solenoid Valve
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Part Number	KS88035783
Description	VAA3T50N/RQ
Category	Base Part
Type	Solenoid Valve
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Part Number	KS88035838
Description	VAA240R/NW
Category	Spare Part
Type	Solenoid Valve
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Part Number	KS88035990
Description	Vlv, VAA3T-/RQ 120 V AC - 50/60 Hz
Category	Base Part
Type	Solenoid Valve
	Order Online
Part Number	KS88036038
Description	Vlv, VAA3T-/NQ 120 V AC - 50/60 Hz
Category	Base Part
Type	Solenoid Valve
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Part Number	KS88036097
Description	VAA1T-/NQ
Category	Base Part
Type	Solenoid Valve
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Part Number	KS88036098
Description	VAA2T-/NQ
Category	Base Part
Type	Solenoid Valve
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Part Number	KS88036099
Description	VAA1T-/LQ
Category	Base Part
Type	Solenoid Valve
	Order Online
Part Number	KS88036100
Description	VAA2T-/LQ
Category	Base Part
Type	Solenoid Valve
	Order Online

Rows

10 ▾

Product Number



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KS88035685
VAA240R/NW

KS88035685
VAA240R/NW

KS88035744
VAA350R/RQ

KS88035744
VAA350R/RQ

KS88035783
VAA3T50N/RQ



KS88035783

VAA3T50N/RQ

KS88035838

VAA240R/NW

KS88035838

VAA240R/NW

KS88035990

Vlv, VAA3T-/RQ 120 V AC - 50/60 Hz

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