

VAN magnetic relief valves

For gas, air and biologically produced methane, pu max. 500 mbar (7 psig), with pilot lamp, IP 65, FM and CSA approved

Overview



Magnetic relief valves, open when de-energized, for purging excess or leakage gas from tightness control devices, for gas and air, EC type-tested and certified.

Features & Benefits:

- DN: 15 to 40/32
- Connection: thread
- pu: max. 200 or 1000 mbar
- Quick opening, quick closing
- Mains voltage: 24 V DC, 120 V AC or 220/240 V AC
- Electrical connection: terminals or standard plug with socket

The following versions are available:

- Valves with position indicator
- Valves for biologically produced methane

More Information:

- [Technical Information for VAN](#)
- [Find spare parts in PartDetective for VAN](#)
- [Calculate nominal diameter DN for VAN](#)

Specifications

DIMENSIONS & SIZE SPECIFICATIONS

Sizes

- DN 10 to 50



ENVIRONMENTAL CONDITIONS

Ambient Temperature Range

- 20 to +50 deg C (-4 to +122 deg F)

Enclosure Rating

- IP65

INSTALLATION & MOUNTING SPECIFICATIONS

Installation Orientation

- Vertical or horizontal (not upside-down), 20 mm minimum clearance

ACTUATION, VALVE & MOTION CONTROL SPECIFICATIONS

Position Switch Options

- VAN..S (AC 12-250 V), VAN..G (DC 12-30 V) with visual indicator

Valve Housing

- Aluminium body, NBR valve seal

Opening Time

- Quick Closing <1 seconds

Closing Time

- Quick Opening

CONNECTIONS & INTERFACES

Electrical Connections

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

Connection Type

- Rp (ISO 7-1), NPT (ANSI/ASME)

ELECTRICAL SPECIFICATIONS

Maintenance Interval

- Once per year; twice per year for biogas

Switching Frequency

- Max. 15/min

Voltage Rating

- 230 VAC, 200 VAC, 120 VAC, 100 VAC, 24 VDC

PRESSURE SPECIFICATIONS

Inlet Pressure Range

- 500 mbar (7 psig)

STORAGE/TRANSPORT TEMPERATURES

Storage Temperature

- 20 to +40 deg C (-4 to +104 deg F)

CONTROL, LOGIC & SYSTEM BEHAVIOR

Operating Modes

- Open when de-energized; closes when energized (blue LED ON)



SAFETY, PROTECTION & RELIABILITY

Leakage Rating

- ≤ 500 cm³/h (0.132 gal/h)

ALARMS, STATUS & DIAGNOSTICS

LED Indicator

- Blue LED shows energized/closed state

APPLICATIONS & COMPATIBILITY

Applications

- Monitoring gas valves for tightness
- Purging excess or leakage gas
- Suitable for industrial gas systems and hydrogen applications
- Used with VAS valves, tightness control systems, kilns, furnaces, annealing processes

PROCESSING & PERFORMANCE METRICS

Duty Cycle

- 100%

STANDARDS & CERTIFICATIONS

Approvals

- CE, UKCA, AGA, Eurasian CU, RoHS II/III, REACH

FUEL, GAS & MEDIA SPECIFICATIONS

Gas Type

- Natural Gas, LPG, Biogas (≤0.1% H₂S), Hydrogen, Clean Dry Air

Filters

▼ CATEGORY

☒ Base Part

☒ Spare Part

▼ TYPE

☒ Magnetic Relief Valve

☒ Valve Assembly

🔍 Search

Part Number	KS88011537
Description	VLAVE, BDY, GAS, , BSP, VAS 2 R/LW, 230V/50 60
Category	Base Part
Type	Magnetic Relief Valve
	Order Online

Part Number	KS88012134
Description	VAN115R/NW
Category	Base Part
Type	Magnetic Relief Valve
	Order Online



Part Number	KS88012135
Description	VAN 120R/NW
Category	Base Part
Type	Magnetic Relief Valve
	Order Online
Part Number	KS88012136
Description	VAN 125R/NW
Category	Base Part
Type	Magnetic Relief Valve
	Order Online
Part Number	KS88012137
Description	VLV, VENT, VAN240R/NW, RP 1 1/2 , 230V/50 60
Category	Base Part
Type	Magnetic Relief Valve
	Order Online
Part Number	KS88012138
Description	VAN 115R/NQ
Category	Base Part
Type	Magnetic Relief Valve
	Order Online
Part Number	KS88012139
Description	VLV, VENT, VAN120R/NQ DN20 120V/50 60HZ N.
Category	Base Part
Type	Magnetic Relief Valve
	Order Online
Part Number	KS88012140
Description	VAN 125R/NQ
Category	Base Part
Type	Magnetic Relief Valve
	Order Online
Part Number	KS88012141
Description	VLV, VENT, VAN240R/NQ, RP 1 1/2 , 120V/50 60
Category	Base Part
Type	Magnetic Relief Valve
	Order Online
Part Number	KS88012142
Description	VAN115R/NK
Category	Base Part
Type	Magnetic Relief Valve
	Order Online

Rows 10 ▾

Product Number



Please sign in to view part numbers available for purchase based on your account

Sign In

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VLV,VENT,VAN240R/NW,RP 1 1/2 ,230V/50 60

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VAN 115R/NQ

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VLV,VENT,VAN120R/NQ DN20 120V/50 60HZ N.

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