



techsystem

automatyka klimatyzacja wentylacja

▸ zapoznaj się z naszą ofertą

VA9104-AGA-xS / VA9104-IGA-xS
Floating Actuators

Application

The VA9104 electric actuator series have been developed for the operation of ball valves. These synchronous, motor-driven direct mountable actuators are used to provide accurate positioning on VG1000 series DN15, DN20 and DN25 ball valves.

Features

- Floating control with Timeout
- Load-independent running time
- Up to 5 actuators in parallel operation possible
- Manual release button
- Devices meet CE requirements



Technical Specifications

Actuator	VA9104-AGA-1S	VA9104-AGA-5S	VA9104-IGA-1S	VA9104-IGA-5S
Torque	4 Nm			
Valve size	DN15, DN20, DN25			
Running Time OPEN	72 s			
Supply Voltage	AC 24 V +25% -20%			
Frequency	50-60 Hz			
Power Requirement	2.1 VA		3.0 VA	
Control signal	Floating without Timeout	Floating without Timeout	ON/OFF and Floating with Timeout	
Position signal	None			
Angle of rotation/working range	93° < ± 3°			
Connection	1.2 PVC Cable	---	1.2 PVC Cable	---
Service Lifetime ca.	100.000			
Auxiliary Switches	None			
Noise Level	35 dB (A)			
Protection Class	II			
Degree of Protection	IP 42	IP 40	IP 42	IP 40
Ambient conditions				
- Operating temperature	0...+52 °C / IEC 721-3-3			
- Storage temperature	-30...+65 °C / IEC 721-3-2			
- Humidity	5...95% r.F. no condensed			
Service	Maintenance-free			
Fluid Temperature Limits (Actuator and Valve Assembly)				
- Water	VG1201 and VG1801 Series Valves: -5 to 95 °C			
- Steam	VG1205 and VG1805 Series Valves: -30 to 100 °C Not Rated for Steam Service			
Weight	0.55 Kg			
CE Compliance				
- Mechanics	EN 60 529 / EN 60 730-2-14			
- Electronics	EN 60 730-2-14			
- EMC Emissions	EN 50 081-1:92 / IEC 61000-6-3:96			
- EMC Immunity	EN 50 082-2:95 / IEC 61000-6-2:99			

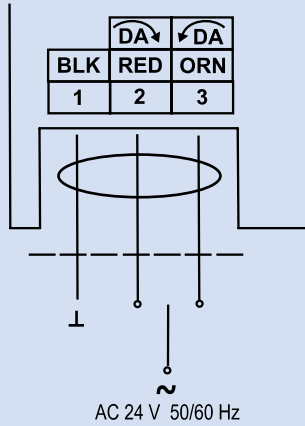
Ordering Codes

Codes	Descriptions
VA9104-AGA-1S	4 Nm, AC 24 V with 1,2 PVC cable
VA9104-AGA-5S	4 Nm, AC 24 V with Terminal block
VA9104-IGA-1S	4 Nm, AC 24 V with 1,2 PVC cable
VA9104-IGA-5S	4 Nm, AC 24 V with Terminal block

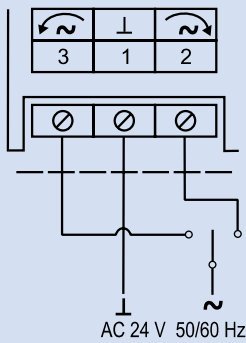
VA9104-AGA-xS / VA9104-IGA-xS
Floating Actuators

Wiring Diagrams

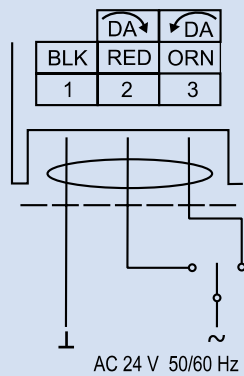
VA9104-AGA-1S



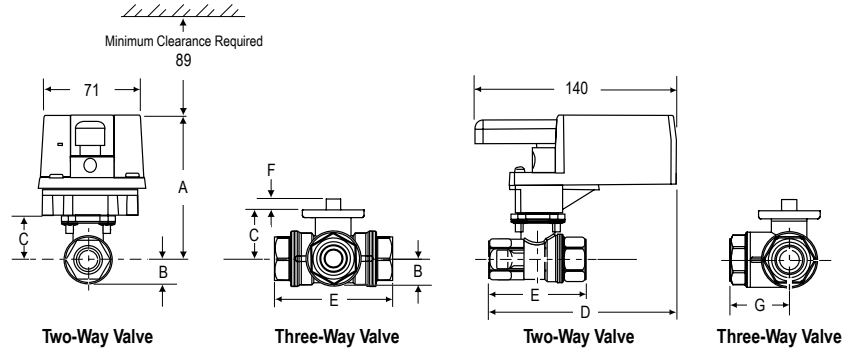
VA9104-AGA-5S



VA9104-IGA-1S - Floating



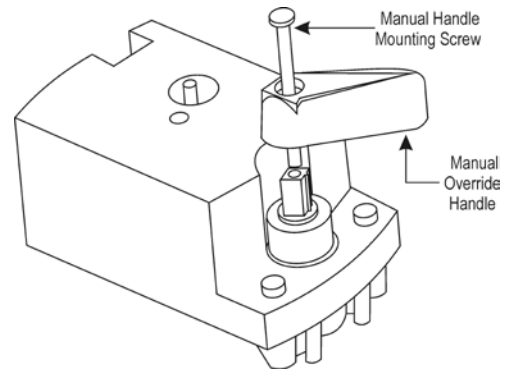
Dimensions in mm



Valve Size (DN)*	A	B	C	D	E	F	G
DN15	98	17	31	129	64	9	32
DN20	98	17	31	133	71	9	36
DN25	100	19	33	141	87	9	43

Note: * On models with the flow-characterizing disk, the disk is located in Port A. Port A must be the Valve inlet.

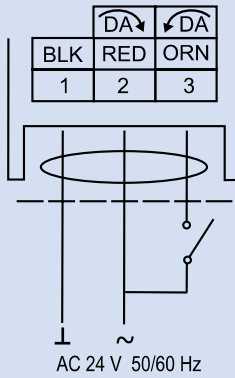
Mounting



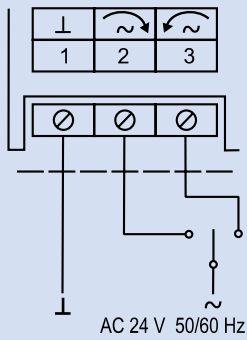
VA9104-AGA-xS / VA9104-IGA-xS
Floating Actuators

Wiring Diagrams

VA9104-IGA-1S - ON/OFF



VA9104-IGA-5S - Floating



VA9104-IGA-5S - ON/OFF

