

# Linear valve actuator

3-position control, 25...52mm stroke



## A4 Series...

### Application

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Operation of seat valves series VA2F or VA3F with 40mm stroke.

On-Off control is effected simply by changing the supply power to the different phase of actuator.

### Design features

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- Simple attachment to the neck of the valve by means of a clamping strap.
- The actuator is short-circuit-proof and protected against polarity reversal.
- The stroke is adapted automatically and is also over load-proof.
- Built-in manual operating knob for emergency purpose.
- Built-in end position dry contact output for open and close.
- The stroke of the valve is indicated mechanically on the mounting bracket; the maximum stroke adjusts itself automatically.

### Types and operating data

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Type	Supply (+15...-10%)	Function	Stroke (mm)	Actuating force
<b>A4-1500</b>	24Vac	3-position	25...52	1500N
<b>A4-2500</b>	24Vac	3-position	25...52	2500N

### Ordering information

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When ordering, please give quantity, designation and type code.

**Example: 1pc, 3-position linear valve actuator, 24Vac-1500N, A4-1500**

## Technical data

Power consumption	- <b>A4-1500</b>	12 watt
	- <b>A4-2500</b>	15 watt
Stroke		40mm (factory preset)
Running time / 40mm	- <b>A4-1500</b>	60s
	- <b>A4-2500</b>	120s
End position switch capacity		230Vac-3(2)A
Protection degree		IP54
Permissible ambient condition		
	- Operation	0°C...50°C
	- Storage	-40°C...80°C
	- Humidity test	To EN 60730-1
Weight		2.6kg

## Approvals

CE Conformity to

- EMC directive
- Low voltage directive

89/336/EEC,93/68/EEC  
73/23/EEC

## Connection diagram

	G1	1	Control voltage (24V ac), spindle extending
	—	2	System neutral
	G2	3	Control voltage (24V ac), spindle retracting
	Q1	5	End switch output spindle extending
	M	4	End switch output neutral
	Q2	6	End switch output spindle retracting

## Dimensions

Dimension in mm

