

Linear valve actuator

3-position control, 13...25mm stroke



A2 Series...

Application

Operation of seat valves series VA2T/F or VA3T/F with 20mm stroke.

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

Design features

- 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

Type	Supply (+15...-10%)	Function	Stroke (mm)	Actuating force
A2-400-S	24Vac	3-position	13...25	400N
A2-800	24Vac	3-position	13...25	800N
A2-1500	24Vac	3-position	13...25	1500N

Ordering information

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

Example: 1pc, 3-position linear valve actuator, 24Vac-800N, A2-800

Technical data

Power consumption	A2-400-S	5 watt
	A2-800	7.5 watt
	A2-1500	12 watt
Stroke	20mm (factory preset)	
Running time / 20mm	30s	
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	1.5kg

Approvals

 Conformity to	- EMC directive	89/336/EEC,93/68/EEC
	- Low voltage directive	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

