

# ALM 1601/C - ALM 1651/C FOR SATCHWELL VALVES

**Modulating actuator 3 points floating 230VAC for valves type MZ/MZF/MJF/VZ/VZF/VSF**



The actuators type ALM 1601/C and ALM1651/C can be used with 2 and 3 way valves type MZ / MZF / VZ / VZF / VSF / MJF from diameter ½ inche up to 150 mm

The actuator will adapt himself to any stroke during installation and initialisation procedure

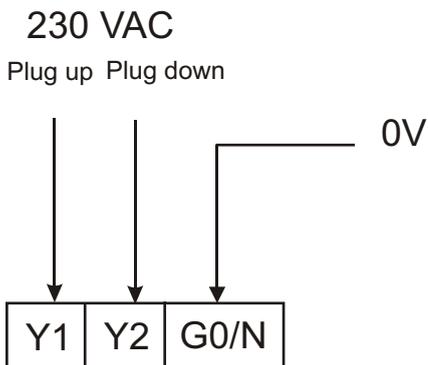
Control signal modulating 3 point floating 230VAC

The actuator has a manual override lever

## Technical specifications

Power supply	230 VAC +-10% 50/60hz, 15VA max
Control signal	3 points floating
Power supply wiring	1.5 mm <sup>2</sup> max 100 m
Signal wiring	0.5 mm <sup>2</sup> max 200 m
Stroke	9-45 mm
Stroke time	0.75 mm/ sec
Working temperature	-15/50°C
Humidity	max 90% RV
Protection level	IP 55
Torque	1500 N
Standard	EN 500.81-1-1992 EN 500.82-1-1992
Housing	Aluminium

## Electrical wiring



## Commissioning of the actuator

Step 1) screw the locknut of 8 mm on the plug of the valve as far as possible

Step 2) Screw the adapter on the thread of the valve as far as possible, (adapter with letter B for MZF valve (flanged valves from 65 mm ---> 100 mm) and with letter A for MZ valves (threaded valve for 1/2" to 2"))

Step 3) Screw the adapter for the plug of the valve as far as possible (adapter with letter H for MZF valves and letter F for MZ valves)

Step 4) Screw the locknut of the adapter as far as possible

Step 5) Mount the actuator on the valves while tightening the screws

Step 6) Lower the plug of the actuator by using the handle lever until reaching the adapter screwed on the plug of the valve

Step 7) Screw the valve plug adapter up to the square nut and thighten all the screw and nuts

Step 9) Wire the actuator according to the electrical wiring prescriptions, for the replacement of (ALM 1601 / ALM 1651) reuse the 3 wires of the exisiting actator for replacement

