

LUNA AT

2012-08-07

Valve actuator

Designation:	LUNAA AT-1 (including connector) LUNAA AT-2 (pins on cable ends)
Temperature:	Ambient temperature for storage: -25 to +60°C Operating temperature, air temperature: 0 to 60°C Operating temperature, energy carrier: 10 to 100°C
Markings:	Swegon logo on casing
Casing:	Polyamide – grey plastic
Supply voltage:	24 V AC/DC, +10%, 0-60 Hz
Functionality:	NC, two-point, thermoelectric
Cable:	Fixed two-wire cable, L= 1.0 m, Ø0.75 mm ²
Power rating, start-up:	6 VA for a maximum of 2 minutes
Power rating, operation:	1,8 VA
Opening/Closing time:	About 3 minutes
Protection class:	IP 54
Actuator power:	100 N +5 %
Stroke:	4 mm
Weight:	100 g
Connection:	As standard, a VA-80 adapter is included which fits thread size M30 x 1.5 mm.
Mounting:	Horizontal or vertical

This product CE-marked and fulfils EU requirements on EMC.

"First open"-function

On delivery, the actuator is equipped with a "first open" function. This means that the valves are open on delivery, but close 6 minutes after voltage has been supplied. This facilitates pressure testing the water system and purging it of air. The actuator's "first open" function is automatically deactivated 6 minutes after it has been energized.

You will hear a clicking sound, after which the actuator will be switched over to the normally-closed position and the normal control function will begin.

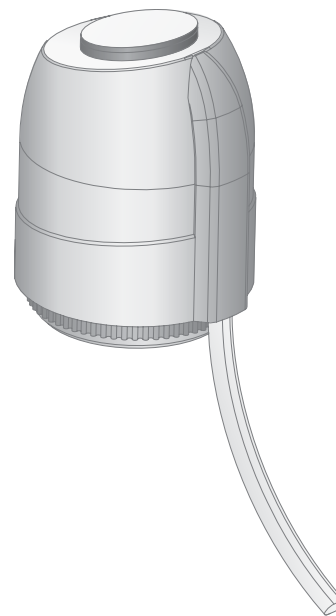


Figure 1. LUNA AT

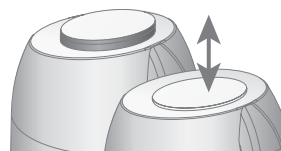


Figure 2. LUNA AT position indicator

The actuator's cylindrical position indicator clearly shows the current operating mode – see Figure 2. When the indicator is recessed and level with the casing, the actuator is in the closed position. When the indicator is raised above the casing, the actuator is in the open position.