

ACTMDBUS

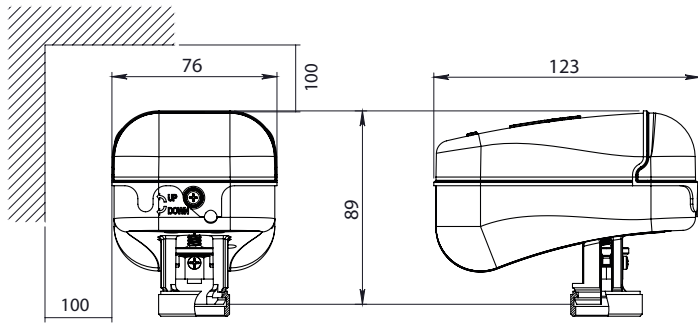
Modulating actuator with Modbus

FEATURES & BENEFITS

- Reduced commissioning time and costs due to remote commissioning via the BMS or Hattersley configurator tool
- System optimisation using the indicated flow rate and position feedback
- Reduced installation labour and cabling costs due to daisy chaining between actuators
- Reduced downtime due to error feedback via the BMS
- Optimised system efficiency and user comfort due to fast responding actuator
- Isolation function with Class IV leakage when paired with PICV and Hook Up Elite Prime
- Linear and Equal Percentage Control – configurable control characteristic to suit different applications



DIMENSIONAL DRAWINGS



TECHNICAL SPECIFICATION

Characteristic		Description
Power Supply		24Vac/dc ± 10%
Speed (configurable via Modbus)		5 s/mm (default) or 3 s/mm
Force		300N
Cable		5 wires, 1.5m (CEI 20-22/II)
Weight		0.4kg
Protection degree		IP54
Feedback signal		via Modbus
Charging time for supercapacitors		~45 sec
Speed in emergency positioning		3 s/mm
Transformer sizing		30VA
Consumption	Supercapacitor charging	12W
	Moving	6W
	Holding Position	1.5W
Manual override		with 3mm hex key
Operating temp		-5°C to 55°C
Storage temp		25°C to 65°C
Reference Directive and Standards		EMC 2014/30/UE according to EN 61326-1:2013

SPECIFICATION

The actuator shall be supplied with Modbus interface for full integration with BMS system. Have an integrated library of manufacturers valves and the ability to set by flow rate, provide back indicated flow rate and position feedback of each device, available via manufacturer software or through BMS. Selectable speed of 5s/mm or 3s/mm and connection to valve to be made via a M30x1.5 thread with no tools or adaptors required. Shall be provided with 24V power supply. As per Hattersley ACTMDBUS.