



AQT/AQM is a series of valve actuators intended for control-valves.

- * Three-point floating control, 24 V AC
- * For analogue control signal 2...10 V or 4...20 mA
- * Automatic stroke adjustment
- * Stroke up to 20 mm

Function

AQT/AQM is a series of valve actuators intended for control-valves.

AQT1000A-1R

Actuator for three-point floating control signal (increase-decrease). Supply voltage 24V AC. Can be set to different stroke speed, 5 s/mm (delivery setting) or 1,5 s/mm.

AQM2000A-1R

A microprocessor based actuator for 0...10 V, 4...20 mA or three-point floating control signal. Supply voltage 24V AC. The actuator has automatic stroke adjustment.

Control valves

All the actuators can be fitted to the valves in the NMTV/NMTR... and N2SA/N2SB... series.

Models

	Control signal	Supply voltage	Stroke
AQT1000A-1R	Three-point	24 V AC	20 mm
AQM2000A-1R	0...10 V, 4...20 mA, Three-point	24 V AC / 30 V DC	20 mm

Technical data

Supply voltage	24 V AC or (30 V DC) only <i>AQM2000A-1R</i>
Control signal <i>AQM2000A-1R</i>	0...10 V or 4...20 mA. (For 4...20 mA control signal a 500 Ohms resistor (enclosed in packing) is to be mounted between the control signal (terminal 3) and system neutral (terminal 1)).
Transformer size	6 VA
Stroke	20 mm
Stroke time	5 s / mm
Force	450 N
Ambient temperature	0...50°C
Storage temperature	-40...+60°C
Ambient humidity	5...95% RH
Cable connection	Screw terminals
Degree of protection	IP54

This product conforms to the EMC standard CENELEC EN50081-1 och EN50082-1.



Wiring and dimensions

AQT1000A-1R *three-point control*

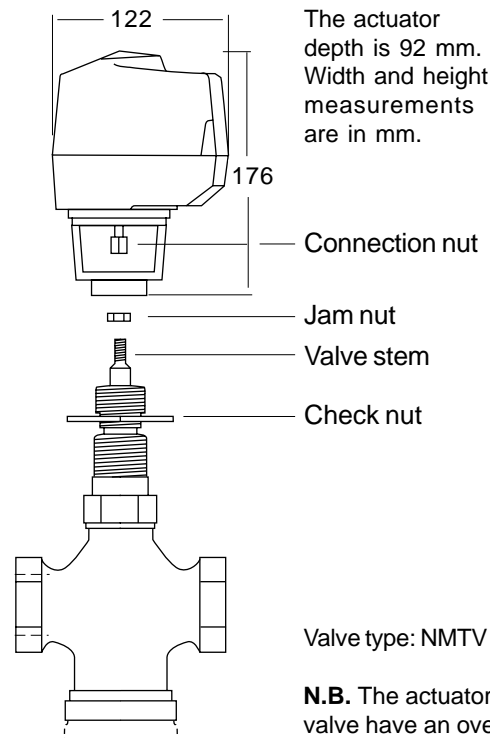
1	24 V AC system neutral (ground)
2	Not connected
3	24 V AC (stem up)
4	24 V AC (stem down)

AQM2000-1R *0...10 V, 4...20 mA control*

1	24 V AC/DC system neutral (ground)
2	24 V AC/DC
3	0...10 V DC (working range 2...10 V DC)
4	
5	4...20 mA (feedback signal)

AQM2000-1R *Three-point control*

1	24 V AC/DC system neutral (ground)
2	24 V AC/DC
3	24 V AC (stem up)
4	24 V AC (stem down)
5	4...20 mA (feedback signal)



IMPROVING INDOOR CLIMATE CONTROL WORLDWIDE

ABRegin

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