

# FlowCon FT Actuators

*FlowCon Thermal Actuators, NC*



## SPECIFICATIONS

### FlowCon FT.0.2

Supply voltage:	24V AC -10%...+20%, 50/60 Hz
Type:	Thermal
Power consumption:	1.2W
Control signal:	Analog 0-10V
Failsafe function:	Yes, normally closed <sup>1</sup>
Operation time:	Approximately 4.5 minutes <sup>2</sup>
Actuating force:	125N ±5%
Ambient temperature:	0°C to +60°C / +32°F to +140°F
Protection:	IP54 including upside-down, class III
Cable:	Plug-in, 3 wires x 0.22 mm <sup>2</sup> , 1 m Plug-in, 3 wires x AWG24, 3.3 ft

### FlowCon FT.0.3

Supply voltage:	230V AC ±10%, 50/60 Hz
Type:	Thermal
Power consumption:	1.2W
Control signal:	ON/OFF
Failsafe function:	Yes, normally closed <sup>1</sup>
Operation time:	Approximately 4.5 minutes <sup>2</sup>
Actuating force:	125N ±5%
Ambient temperature:	0°C to +60°C / +32°F to +140°F
Protection:	IP54 including upside-down, class II
Cable:	Fixed, 2 wires x 0.75 mm <sup>2</sup> , 1 m Fixed, 2 wires x AWG18, 3.3 ft

Note 1: To ensure that the valve is in an open position during commissioning of the system, the actuator will be delivered in open position and remain in this position until it is electrically operated first time.  
Note 2: Closing time is approximately the double dependent on ambient temperature.

## SPECIFICATIONS (...continued)

### FlowCon FT.0.4

Supply voltage:	24V AC/DC -10%...+20%, 50/60 Hz
Type:	Thermal
Power consumption:	1.2W
Control signal:	ON/OFF
Failsafe function:	Yes, normally closed <sup>3</sup>
Operation time:	Approximately 4.5 minutes <sup>4</sup>
Actuating force:	125N ±5%
Ambient temperature:	0°C to +60°C / +32°F to +140°F
Protection:	IP54 including upside-down, class III
Cable:	Fixed, 2 wires x 0.75 mm <sup>2</sup> , 1 m
	Fixed, 2 wires x AWG18, 3.3 ft

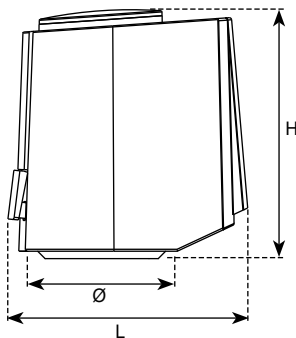
Note 3: To ensure that the valve is in an open position during commissioning of the system, the actuator will be delivered in open position and remain in this position until it is electrically operated first time.

Note 4: Closing time is approximately the double dependent on ambient temperature.

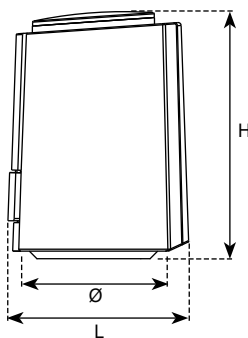
## DIMENSIONS AND WEIGHT (NOMINAL)

Actuator model	L	Ø	W	H		Weight <sup>5</sup>
				Min.	Max.	
	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	kg (lb)
FT.0.2	63.5 (2.5)	38.0 (1.50)	44.1 (1.74)	63.5 (2.5)	71.8 (2.83)	0.156 (0.34)
FT.0.3	48.4 (1.91)	38.0 (1.50)	44.1 (1.74)	61.0 (2.40)	69.3 (2.73)	0.136 (0.30)
FT.0.4	48.4 (1.91)	38.0 (1.50)	44.1 (1.74)	61.0 (2.40)	69.3 (2.73)	0.136 (0.30)

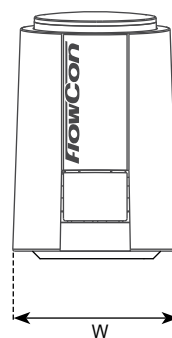
Note 5: The weight includes actuator, actuator adaptor-ring and 1 meter cable.



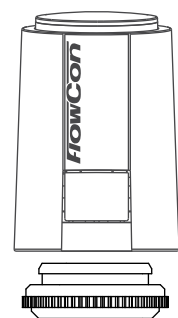
FlowCon FT.0.2



FlowCon FT.0.3 and FT.0.4



FlowCon FT.0.X



Adaptor ring M30x1.5

## MODEL NUMBER SELECTION

End switch:

**0** = No end switch (standard)

Control signal:

**2** = 24V, 0-10V modulating

**3** = 230V ON/OFF

**4** = 24V ON/OFF

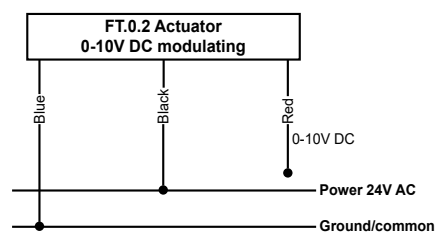
**FT . 0**

Example:

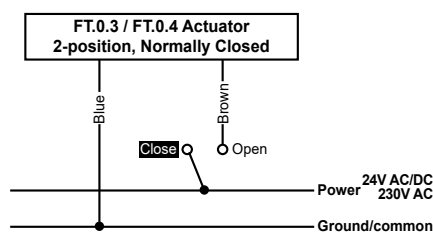
**FT.0.3** = FlowCon FT 230V ON/OFF actuator.

## WIRING INSTRUCTION

### FlowCon FT.0.2



### FlowCon FT.0.3 and FT.0.4



## UPDATES

For latest updates please see [www.flowcon.com](http://www.flowcon.com)

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