



## ACTUATOR

### MFT Thermal Actuators, NC



#### SPECIFICATIONS

##### **Maple MFT.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

##### **Maple MFT.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

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### SPECIFICATIONS (...continued)

#### Maple MFT.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

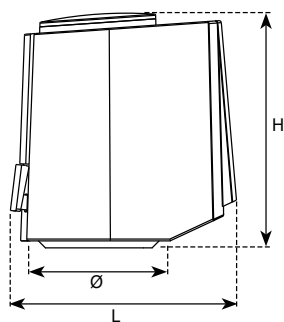
Note 3: To ensure that the valve is in an open position during commissioning of the system, the actuator will be delivered in open position and remain in this position until it is electrically operated first time.

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

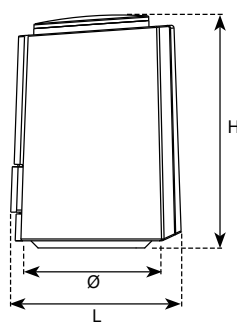
### DIMENSIONS AND WEIGHTS (NOMINAL)

Actuator	L mm (in)	Ø mm (in)	W mm (in)	H		Weight <sup>5</sup> kg (lb)
				Min. mm (in)	Max. mm (in)	
MFT.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)
MFT.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)
MFT.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)

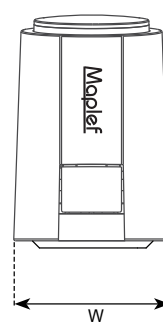
Note 5: The weight includes actuator, actuator adaptor-ring and 1 meter cable.



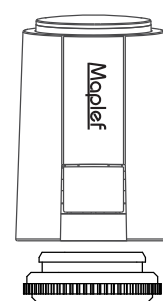
Maple MFT.0.2



Maple MFT.0.3 and MFT.0.4



Maple MFT.0.X



Adaptor ring M30x1.5



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## MODEL NUMBER SELECTION

End switch:

**0**

= No end switch (standard)

**MFT**

.

**0**

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Control signal:

**2**

= 24V, 0-10V modulating

**3**

= 230V ON/OFF

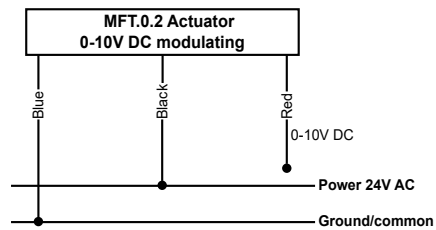
**4**

= 24V ON/OFF

Example:  
**MFT.0.3** = Maple MFT 230V ON/OFF actuator.

## WIRING INSTRUCTION

Maple MFT.0.2



Maple MFT.0.3 and FT.0.4

