

# Water pump control type thermal actuator

This actuator can be used in both underfloor heating system and controlling water pump. It is desiged for low wattage, individual radiant circuit control. It provides on/off flow control to individual radiant circuits. Incorporates an indicator window that allows a visual indicator whether the valve is fully open(black) or closed(blue).





Compact design	Noiseless
Low power consumption	Support low-power control
Full view stroke indication	Control water pump

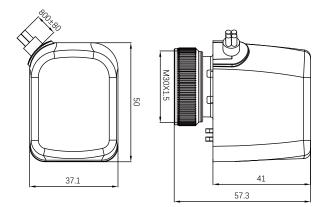
#### **Technical parameters**

160s-230s open/close water pump

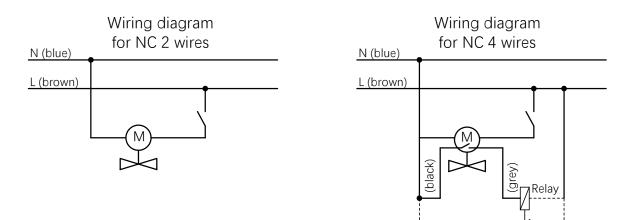
Model: 920074PL	Control direction: Normally closed
Voltage: 220V AC	Adapter: M30x1.5mm
Power consumption: 2W	Cable length: 800MM
Working temperature: -5°C~60°C	Protection level: IP54
Force: 110N	Standard: EN60730
Closing and opening time: 3-5 minutes	Stroke: ≥3.4mm
Micro switch: max700mA(3A)	Housing material: PA66+30%GF

### Dimensions

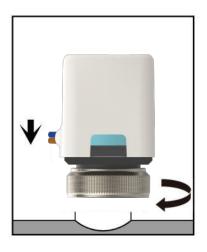
Unit: M M



#### Wiring diagram



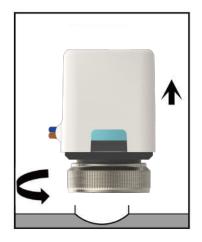
### Installation and disassembly



Rotate the nut clockwise and install it on the valve

(Note: Do not use pipe pliers, clamp and other tools)

the water pump does not work.

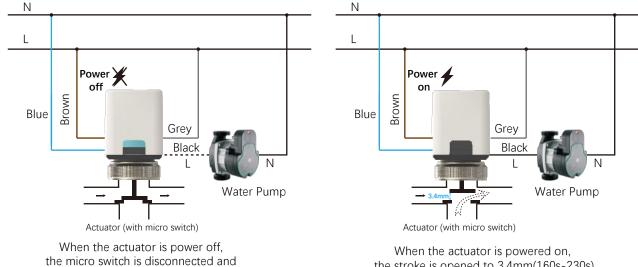


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Pump

Rotate the nut anticlockwise until remove the actuator

(Note: Do not use pipe pliers, clamp and other tools)



# Working status

the stroke is opened to 3,4mm(160s-230s) micro switch is turned on, and the water pump starts to work.