

## Technical data

Communication protocol: RS485

Control Type: Opening, Temperature,  
Temperature difference

Voltage: 24V AC/DC

Power: Working 15W; Standby 1W

Operation time: 30~60s/r(adjustable)

Operate torque: 10N.m

Operate angle:  $6 \times 360^\circ$

Enclosure rating: IP54

Sensors: T1: Supply, 1.5m White

T2: Return, 1m Black

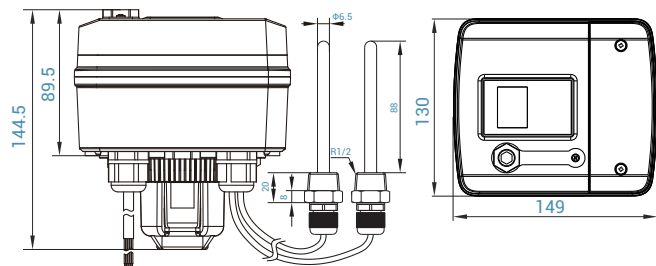
## Material

Part	Material	Standard
Sheild	Plastic	PC+ABS
Seat	Plastic	PC+20GF
Bracket	Plastic	PC+20GF

## Features

- 1 Low noise, long life
  - 2 Low power, high energy saving
  - 3 Open valve position accurate detection
  - 4 Easy to operate, convenient installation
  - 5 Stable thrust control, no damage to the valve
  - 6 With manual adjustment, can achieve power off control
  - 7 Energy-saving external rotor brushless motor
- to provide power source
- 8 With parameter setting and valve stroke memory function
  - 9 The input voltage signal is visible, and the input valve stroke is visible

## Schema



## Wiring

2 Black ———— 0 / ⊥  
3 Red ———— 0 + / ~  
7 Orange ———— 0 A+  
8 White ———— 0 B-  
24V AC/DC

## Control Type

In the temperature control and temperature difference control mode, when the temperature or temperature difference changes, according to the sampling time and the built-in temperature or temperature difference setting value, the actuator stroke is less than 10% of the valve body stroke, and the action stroke is reduced proportionally according to the actual temperature difference value.

WARCO reserves the right to change dimensions without notice.