



Mounting Instruction

IndiTop



ESE00163EN
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1. Mounting Instructions

Fix the magnet on top of the actuator



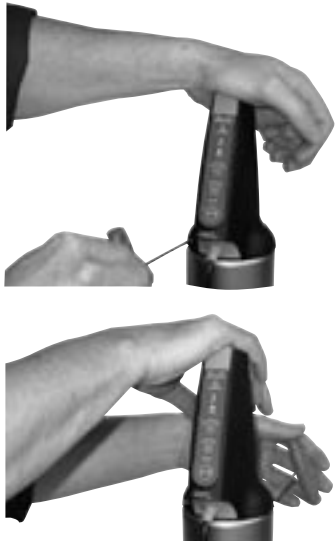
2. Mounting Instructions

Fit **IndiTop** over the magnet and the "mushrooms" - front opposite air fitting



3. Mounting Instructions

Carefully fix **IndiTop** with the two allen screws, while pressing down.



4. Mounting Instructions

Connect wires as below:

- Red: +/L1, 8-30V DC/AC
- Black: -/N
- Green: SP1 (De-energized)
- Yellow: SP2 (Energized)
- Brown: PNP (+ or L1)/NPN (- or N)
- Orange: Remote setup bit (**If not used, connect to +/L1**)

Note:
Switch between PNP/NPN by connecting the brown wire to either +/L1 (PNP) or -/N (NPN)

5. Setting up **IndiTop** (push button)

To enter SETUP press and hold "SP2" + "Enter" until the blue LED starts to flash (3 seconds)



6. Setting up **IndiTop** (push button)

Clear previous saved positions by pressing "Enter" until all the LED's have turned ON in a sequence (blue-green-yellow) and flashed once (3 seconds)



7. Setting up **IndiTop** (push button)

De-energize the valve and save the 1st Set Point "SP1" (de-energized) by pressing the "SP1" button until "SP1" LED becomes steady ON (3 seconds)

Set point 1 (SP1) is intended to be the return position of the valve in case of a power breakdown, i.e. **de-energized**.



8. Setting up **IndiTop** (push button)

Energize the valve and save the 2nd Set Point "SP2" (energized) by pressing the "SP2" button until "SP2" LED becomes steady ON (3 seconds)

Set point 2 (SP2) is intended to be the opposite of SP1, i.e. **energized**.



9. Setting up **IndiTop** (push button)

To exit SETUP press and hold "SP2" + "Enter" until the blue LED becomes steady (3 seconds)



10. Setting up **IndiTop** (push button)

Verify the saved positions by energizing/de-energizing the valve and see if the correct LED is lit (SP1 = de-energized, SP2 = energized)

11. Setting up **IndiTop** (Remote)

The sequence in the flow chart shown must be followed in the programming to do a successful remote setup.

Note 1

The remote setup can be done in two ways: Either by a simple PLC program or by manual bit (tag) control. In both cases, the flow chart must be followed to ensure the right feedback.

Note 2

The "Remote Setup Bit" must always be connected to +/L1 if the remote setup feature is not used.

