

A260 Series Linear Limit Switch Boxes

A260 Series linear limit switch boxes are compact monitoring and signaling devices designed to provide accurate feedback on the open and closed positions of linear valves, such as diaphragm valves. They deliver precise position indication, which is essential for reliable process control, system safety, and operational efficiency.

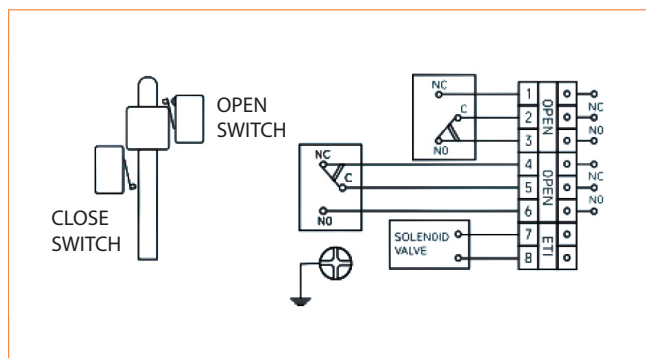


Install steps

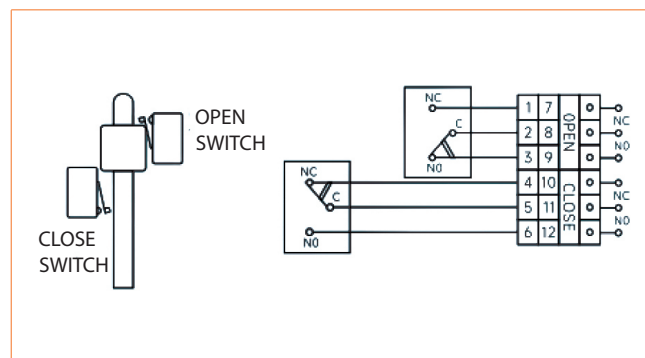
1. Remove the valve indicator cap and indicator rod.
2. Turn the valve position feedback rod clockwise (serial number 1)
3. Loosen the locking screw (No.5) and rotate it clockwise to adjust the circumference Angle of feedback up and down to the appropriate position.
4. Tighten the locking screw (No.5).
5. Loosen the transparent cover of valve position feedbacks witch (No.4) counterclockwise.
6. Connect the air source and adjust the open and close positions.
7. Insert the cable and connect according to the circuit board instructions. Connect terminal(No.3).
8. Install the transparent cover of the valve position feedback switch (No.4)and tighten the electrical connector.



SPDT Circuit Diagram



DPDT Circuit Diagram



Specification

Number	Description	Parameter
1	Lifespan	250,000 cycles
2	Internal voltage rating of the limit switch box	≤100 Kpa
3	Connection way	Threaded
4	Feedback connection way	Elastic Fixing
5	Circumferential Adjustment	Adjustable
6	Sealant lock	NBR/PVC

Operating Electrical Parameters

Number	Description	Parameter
1	Supply Voltage	≤230V
2	Signal Output	PNP×2
3	Lower valve output channel	SWITCH2
4	Upper valve output channel	SWITCH1
5	Working principle	Hall effect
6	Power polarity protection	YES
7	Output short circuit protection	YES
8	Working temperature	0-55°C
9	Cable interface	1/2 NPT or customazied
10	Levels of protection	IP65

