



### MAINTENANCE

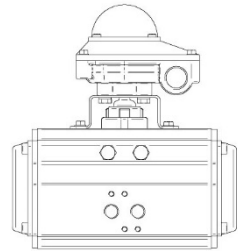
The boxes are primarily instruments to indicate the position with direct viewing through open / closed indicator, and / or through the remote signal output from the present switch inside the box.

The boxes are designed to be installed on most of rotary actuators with NAMUR interface and ISO5211 brackets adjustable in height and width.

Limit switches inside the boxes are available with the following characteristics: mechanical and inductive.

### INSTALLATION

1. Attach proper mounting bracket to the limit switch box housing using four aniseed cap screws provided.
2. Align limit switch box shaft to top of actuator shaft and engage it.
3. Attach bracket to actuator using hardware provided.
4. By actuating package the switch and actuator will self-align.
5. Tighten bracket's screws to the top of actuator.



### LIMIT SWITCH ADJUSTMENT

1. Loosen limit switch box cover screws and remove cover.
2. Rotate actuator to full counterclockwise position. Valve is on fully open or closed position.
3. Lift up bottom cam and turn until switch is activated and then release. Engage cam back onto the splined retainer. Spring will maintain cam engagement.
4. Rotate actuator to full clockwise position. Valve is on fully closed or open position.
5. Push down top cam and turn until switch is activated and then release. Engage cam back onto the splined retainer. Spring will maintain cam engagement.
6. Place cover on limit switch box and tighten.

### INSTRUCTION

- Do not open when energized
- Take care to ensure that housing O-ring is properly located in seal groove.
- Ensure the flameproof surface have not any paint and scratch in the process of adjustment.



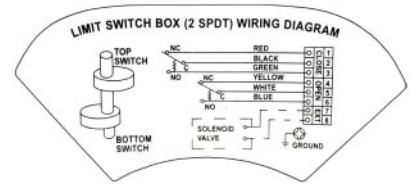
### ELECTRICAL WIRING

#### Installation

1. Remove limit switch box cover (Disconnect supply circuit before opening).
2. Remove protection plugs from conduit entries and install conduit or plugs suitable for type of protection required.
3. Engage wires in terminal strip using a proper screwdriver.

### Instruction

- Ensure the flameproof surface have not any paint and scratch in the process of adjustment.
- All user connections are made at a numbered terminal strip. A wiring diagram is located inside the cover and indicated which terminal numbers correspond to switch contacts: normally open, normally closed common, etc. Simply follow the wiring diagram and electric code to connect switches to your system.
- Solenoids may also be wired through the switch box. At least two auxiliary terminals are included as an option. A ground screw is also included. Simply wire the solenoid to auxiliary terminals, and then connect power leads to the opposite terminal side.
- Be sure to properly ground the solenoid at provided ground terminal.
- The boxe include 1-2 conduit entries. Be sure to follow the National Electric Code regulations for rigid and/or flexible conduit.



### INDICATOR SETTING

1. Remove four screws and remove indicator cover.
2. Lift up indicator from its seat.
3. Set indicator according to valve position.
4. Replace indicator cover, check to ensure that position indicator O-ring is properly located in seal groove and fasten with cover screws.



### STORAGE

To store the boxes the following cautions are recommended:

- Ensure the box is completely dry and water free.
- Maintain the entrances of cable by fitting the original or replacement plastic corks.
- Protect from dust, dirt and damage by packing in box or plastic bag

### IMPORTANT NOTICE

- All limits switch box have been 100% factory tested
- Technical advice: contact sales office
- Information herein including and product specification are subject to change without notice