

MANUAL

Switch box AL 760-E4L

For pneumatic actuators

1. Place the actuator in "closed valve position". If the actuator is of DA type, it closes with the aid of compressed air connected to the left connection port. An SR actuator of normal "Fail Close" type closes by venting.

2. Fasten the console to the E4 base plate (8) with 2 pcs M6 screws according to the drawing.

3. Dismantle the cover (4) on the switch box with the screw (1). Twist the cover and lift it straight up when the screw is loosened.

4. Mount the E4 shaft through the hole in the E4 base plate. The shaft journal must go through the oil bronze bearings (23) and (21). Turn the E4 shaft so that it aligns with the groove on the shaft journal.

5. Mount the E4 and console with the shaft in the groove on the top side of the actuator stem.

6. Fasten the console with 4 pcs screws to the upper side of the actuator and centre the units with each other before tightening the screws.

7. Slide the two cams (24) over the shaft with the spacer (18) between them. Refer to the drawing how the cams should be turned.

8. Adjustment of the lower switch (12) indicating "closed valve position": Turn the lower cam (24) clockwise so that the operating arm of the switch is effected. When a clicking noise is heard, the cam must be locked with socket screw (46).

9. Adjustment of the upper switch indicating "open valve position": An actuator of DA type opens with the aid of compressed air connected to the right connection port. An SR actuator of normal "Fail Close" type opens with the aid of compressed air connected to the left connection port. The key handle on the shaft journal will now align with actuator longitude side. Turn the upper cam anticlockwise so that the operating arm of the switch is effected. When a clicking noise is heard, the cam must be locked with socket screw (46).

10. Fit suitable cable gland. If you want to connect the solenoid valve to the switch box, suitable cable gland must be fitted.

11. Connect cable inlets according to connection diagram (45) attached to the inside of the switch box cover.

12. Put the cover back on the switch box and tighten with screw (1).

