

EO11 Electrical Override Installation and Maintenance Instructions

The EO11 electrical override is for use with any control system and the following valves.

2-port	Normally open BX, BM, SB, KA, KB, KC, NS
	Normally closed BXRA, BMRA, SBRA, KX, KY, NSRA
3-port	TW (excluding DN80 and DN100)

Installation instructions

Figures 1 and 2 show typical installation details. When used in conjunction with a direct acting valve, power on to the unit will cause the valve to close. If a reverse acting valve is used, the valve will move to an open position when the unit is switched on.

1. The electrical override must be fitted below the valve, either vertically below the valve or up to 45° from the vertical. Fitting the unit above the valve will make it inoperative.
2. This unit is dependant on the building installation. For overcurrent protection and mains isolation fuse externally at 5 amps. Power is 360 W (cold) falling to 40 W (hot).
3. The surface temperature of the unit when in operation can reach 150°C. Do not install near flammable materials.
4. Do not thermally insulate the unit - this will affect its performance.
5. Where possible install out of reach, to avoid direct skin contact. Wire mesh screens are permissible.
6. The unit is fitted with a right angled connector conforming to DIN 43650-A / ISO 4400. The unit is sealed to IP44
7. It is advisable for the wiring to incorporate a power 'On' light in parallel with the unit.
8. Ensure the actuator is connected to the twin-sensor adaptor before connecting to the electrical supply.

Fig. 1

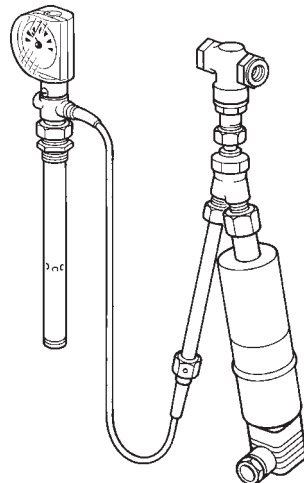
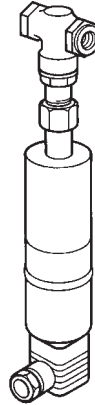


Fig. 2

Maintenance

1. Disconnect the unit from the electrical supply before removing it from the valve or twin-sensor adaptor.
2. If the unit is removed from a twin-sensor adaptor and the plant is still required to operate, it is advisable to also remove the twin-sensor adaptor, this will prevent any risk of leaks via the unused connection of the twin-sensor adaptor. The control system can be coupled direct to the valve.