

Caution

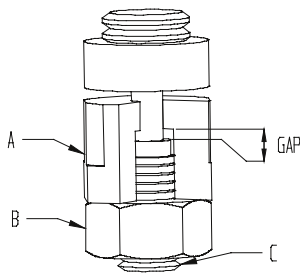
We strongly recommend that all Clorius products be wired to a separate transformer and that transformer shall service only Clorius products. This precaution will prevent interference with, and/or possible damage to incompatible equipment.

When multiple actuators are wired on a single transformer, polarity must be observed. Long wiring runs create voltage drop which may affect the actuator performance.

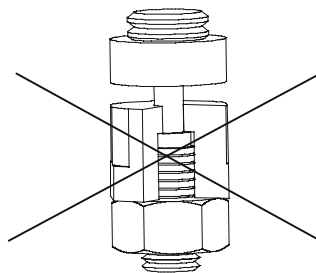
Mechanical installation

Mounting of the actuator on valve

Correct mounting



Non Correct mounting

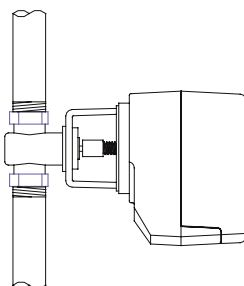


1. Screw completely the valve shaft (C) unto the coupling of the actuator (A).
2. Unscrew the coupling (A) for $\frac{1}{2}$ of turn in order to leave a functional play.
3. Screw the counter nut (B).

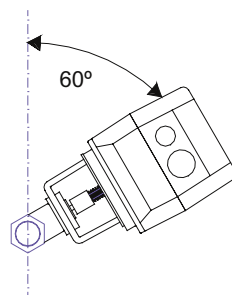
Warning: Do not over tight coupling of the actuator on the shaft of the valve.

Mounting of the actuated valve on system

Vertical mounting

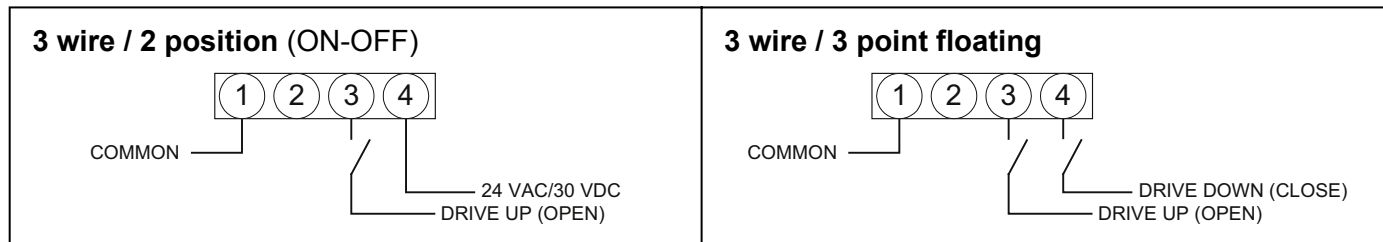


Horizontal mounting



1. Pay attention to system particularity; be sure that the expansions, contractions of the system and its medium as well as operating pressures are within the tolerances.
2. When plumbing, the motorized valve should be situated in an easily accessible place and sufficient space should be allowed for the removal of the actuator.
3. To prevent moisture from collecting in the motor casing, install the motorized valve such that the **actuator is superior to the valve**, at 60° maximum / at vertical. Avoid mounting the valve so that the valve stem is below horizontal.

Wiring Diagrams



PC Board

