

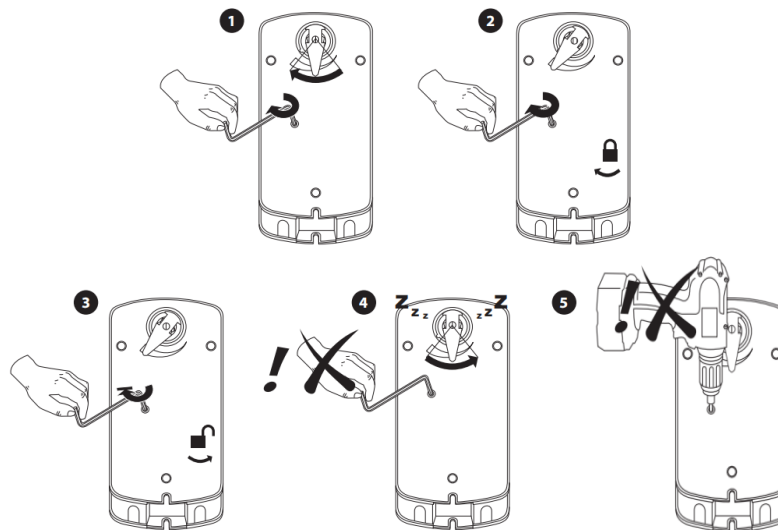
F30F/N

Series Actuator Installation Diagram

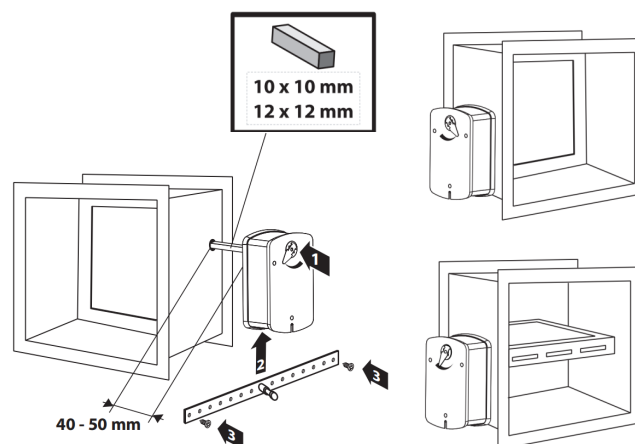
1.F30F Series Fire Smoke Damper Actuator

1) Manual adjustment of the actuator angle — Operating instructions for manual function:

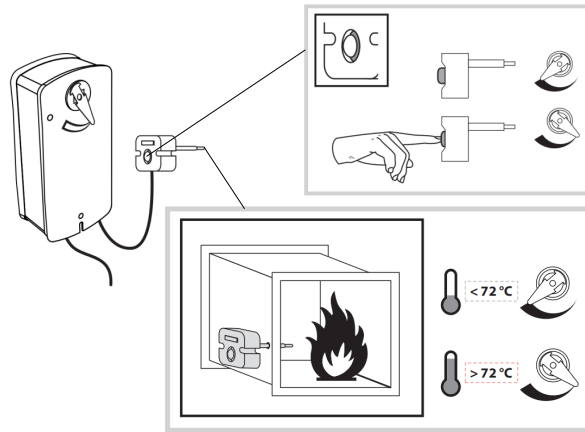
- ① Rotate the actuator manual shaft with the handle to the desired angle, see Figure 1.
 - ② Toggle the lock button to lock the actuator, see Figure 2.
 - ③ Turn the handle or toggle the lock button to unlock the actuator, see Figure 3.
 - ④ To prevent actuator damage, do not turn the handle or toggle the lock button during spring return after unlocking.
- Do not use power tools in place of the handle to rotate, see Figures 4 and 5.



2) When the valve is in the fully closed position, install the actuator onto the damper valve shaft (1). Attach the mounting bracket to the rear of the actuator (2) and secure it with self-tapping screws (3). (If needed, use bolts to fix the pointer to the valve shaft.)



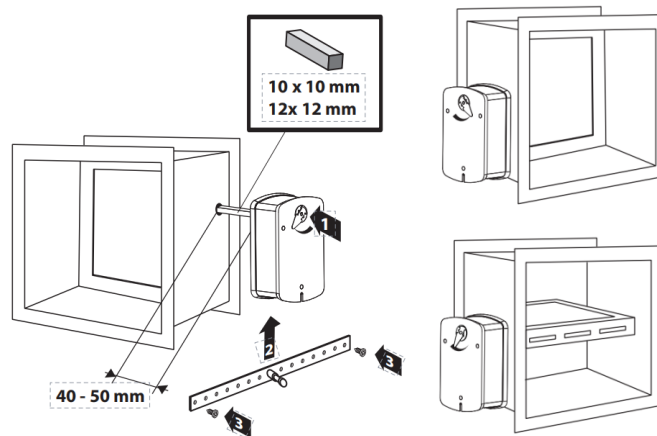
3) Temperature sensor installation diagram



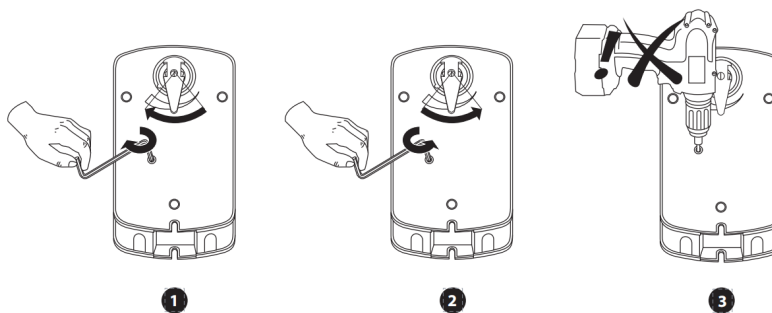
4) Wire according to the actuator model.

2. F30N Series Non-Spring Return Fire and Smoke Damper Actuator

1) When the valve is in the fully closed position, install the actuator onto the damper valve shaft (1). Attach the mounting bracket to the rear of the actuator (2) and secure it with self-tapping screws (3). (If needed, use bolts to fix the pointer to the valve shaft.)



2) To adjust the rotation angle, use the handle to turn the manual shaft clockwise or counterclockwise, see figure 1&2. (Do not use power tools for adjustment, see figure 3.)



3) Wire according to the actuator model.