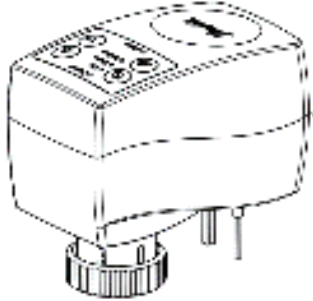
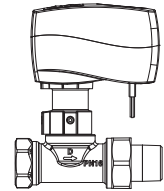


Installation Guide | 安装指南

# BeaCon Actuator

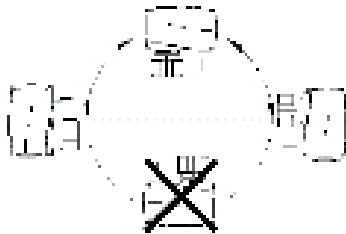


BeaCon Dynamic balancing valve  
(AB-QM) (DN15-32)

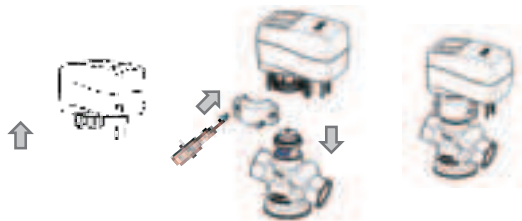


BeaCon Control valve  
(RA-G) (DN20-32)

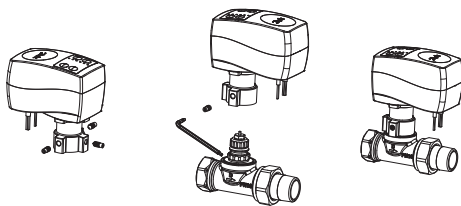
1.



(A) Install with Dynamic balancing valve  
(AB-QM) via M30x1.5 thread



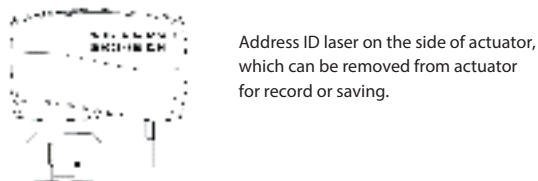
(B) Install with Dynamic balancing valve  
(AB-QM) via RA connector



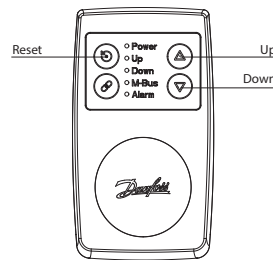
2.



3.



## 4. Manual operation



- Press up and down button together 4s until the power light flashing to enter manual operation mode.
- Press up(down) button 4s. Actuator spindle will move up (down). Up(down) light flashing during the spindle movement.
- Press reset button short time. Actuator perform calibration.
- Press reset button long time 5s. Actuator reset. All lights flashing together one time. Spindle of actuator move to top and stop for waiting 1min. Then perform calibration automatically.

| Indicator explanation |                                     |                          |                               |                 |
|-----------------------|-------------------------------------|--------------------------|-------------------------------|-----------------|
| Indicator             | Long bright                         | off                      | Slow blink                    | fast blink      |
| Power                 | M-BUS control                       | Power off/Alarm          | Manual operation              |                 |
| Up                    | Fully open position of valve        | Middle position of valve | Moving up                     |                 |
| Down                  | Fully close position of valve       |                          | Moving down                   |                 |
| M-BUS                 | Receiving data package within 10min | M-BUS disconnect         | No data package within 10 min |                 |
| Alarm                 |                                     | normal                   |                               | Fault diagnosis |

## 7. Safety Note



To avoid injury and damage to persons and devices, it is necessary

these instructions are carefully read and observed prior to assembly and commissioning. Necessary assembly, start-up, and maintenance work must be performed only by qualified, trained, and authorized personnel. Switch off the power line before wiring the actuator.

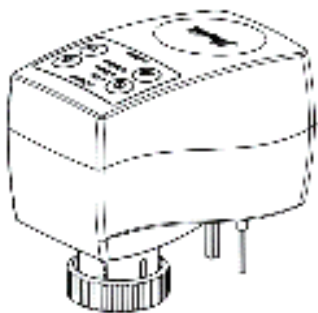


Connect via safety isolating transformer.

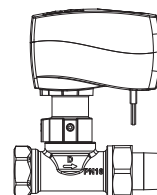
Galvanic separations shall be provided for segments crossing buildings.



This product should be dismantled, and its components sorted if possible, in various groups before recycling or disposal. Always follow the local disposal regulations.

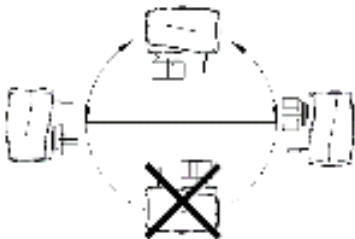


BeaCon 动态平衡阀  
(AB-QM) (DN15-32)

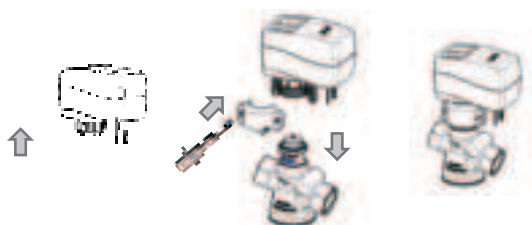


BeaCon 控制阀  
(RA-G) (DN20-32)

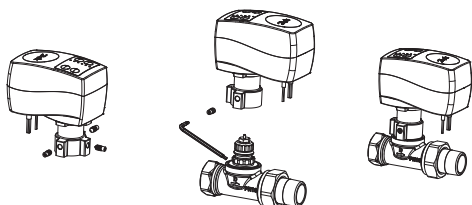
1.



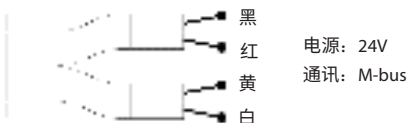
① 通过M30x1.5螺纹与动态平衡阀  
(AB-QM) 连接



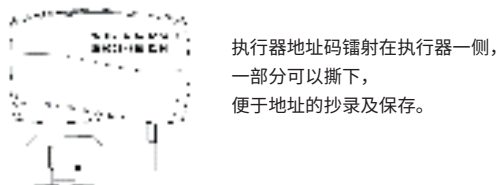
② 通过RA接口与控制阀 (RA-G) 连接



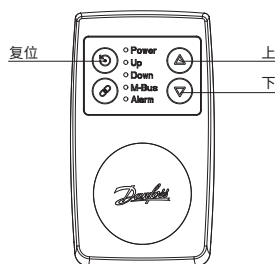
2.



3.



## 4. 手动操作及指示灯



- 同时按上下键4s直到Power灯闪烁，进入手动操作模式。
- 按Up (Down) 键4s，执行器推杆向上 (下) 移动。推杆移动过程中，Up (Down) 灯闪烁
- 短按复位键，执行器执行校准程序
- 长按复位键5秒，执行器恢复出厂设置，所有灯一起闪烁一次。执行器推杆恢复到顶端，停止等待1分钟，执行器自动执行校准程序。

指示灯含义说明

| 指示灯   | 长亮           | 熄灭           | 慢闪烁       | 快闪烁  |
|-------|--------------|--------------|-----------|------|
| Power | M-BUS 控制     | 断电/故障报警      | 手动控制      |      |
| Up    | 对应阀门的全开位置    | 停留在对应阀门的中间位置 | 向上运动过程中   |      |
| Down  | 对应阀门的全关位置    |              | 向下运动过程中   |      |
| M-BUS | 收到数据包后的10分钟内 | M-BUS 从未接通过  | 10分钟未收到数据 |      |
| Alarm |              | 工作状态正常       |           | 故障报警 |

## 7. 安全提示



如下提示为避免人身伤害和设备损坏

在组装和调试前请仔细阅读说明，组装、运行和维护工作由有资格、接受过培训和指定人员进行。在给执行器接线前，请断开电源。



通过安全的隔离变压器连接

跨建筑物应进行电流阻断。



在回收或处理之前，应将该产品拆开，并尽可能将其组成部分分门别类。应遵循当地的处理规定。

丹佛斯(中国)投资有限公司

Climate Solutions • danfoss.cn • +86 400 061 9988 • chinacs@danfoss.com

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