

DM-32AN Damper Actuator

Brief:

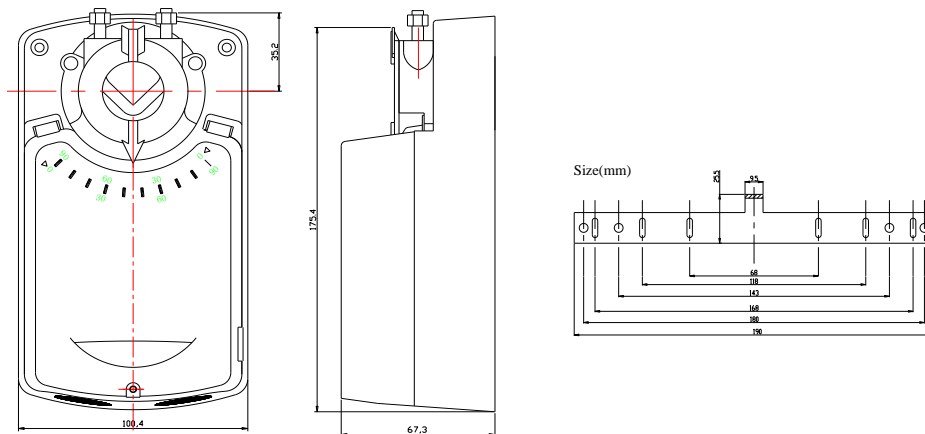
High quality damper actuators have been designed for use with air damper, butterfly valve, characterized ball valve and globe valve with the use of special adapter.



Characteristic :

- 0(2)...10 VDC and 0(4)...20 mA control
- Fast reaction, Close、On, Short operation time
- Connection shaft: Round shaft: Max $\phi 20\text{mm}$, Square shaft: Max 16*16mm
- Adjustable angle of rotation
- Manual over ride by push button when required
- Two floating auxiliary switch
- Customized version available, on request

DM-32AN Mounting dimension:



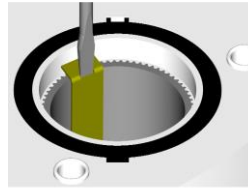
Specifications :

Item	Unit	DM-32AN
Torque	Nm	32Nm
Damper area	m ²	6m ²
Running Time	sec	220s
Power supply	V	AC24; DC24
Frequency	Hz	50/60
Working Power	W	2.5W
Non-Working Power	W	0.3W
Wiring size	VA	4.5VA
Shipping weight	Kg	1.1Kg
Control signal		0(4)...20mA 0(2)...10V
Rotation angle		0~90°
Limit angle		5~85° (per step 5°)
Auxiliary switch rating		3 (1.5) A、AC24V
Life cycle		60, 000 次
Noise level		45dB(A)
Protection class		II
IP protection		IP44or IP54
Ambient temperature		-20~+50°C
Ambient humidity		5~95%RH
Storage		-40~+70°C
Certificate		CE and ISO 9000

Notice: Drawing out the actuator wiring through the PG joint, the protection

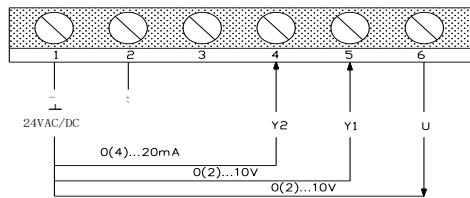
level can reach to IP54.

Angle-of-rotation limiting per 5° and releasing by the adapter..

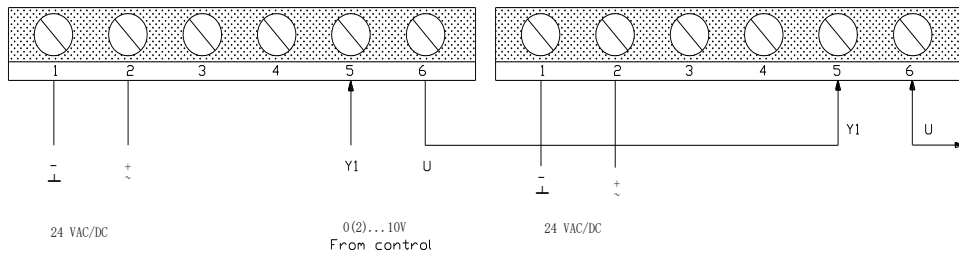


Proportion signal wiring diagram

DM-32AN Damper actuator can be controlled under 0(4)...20mA or 0(2)...10V

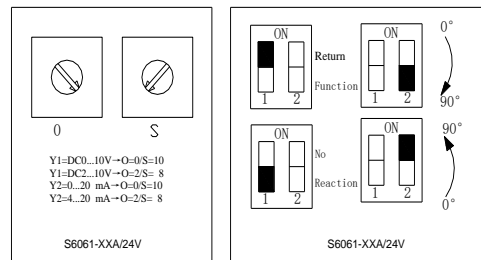


Actuator Main / Sub control:



Option for Control signal and rotate direction

Adjust Potentiometer VR1 and VR2. Can be Setted in the range of Controe Sigle, VR1 is using for low point set, VR2 is vsing For high Point set ..Factory setting Corres

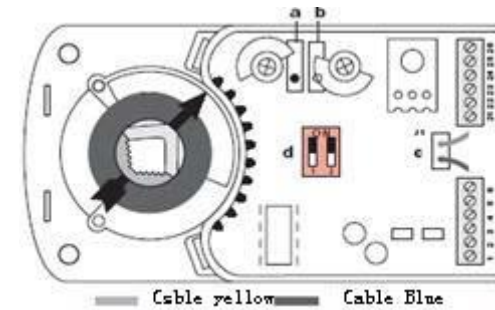


Ponding 0...20mA, 0...10V.

Ensure the insert pin (C)

With the same connection

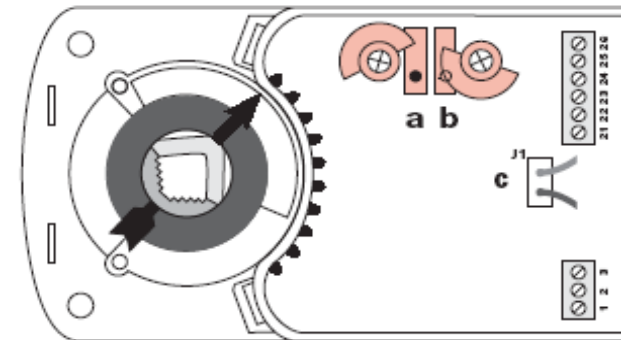
Direction with motor.



Factory setting

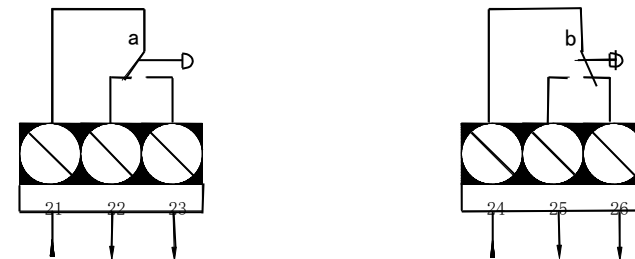
Switch a at 10°
Switch b at 80°

The switching position can be manually changed to any required position by turning the ratchet.



DM-32AF Auxiliary switch instruction

S6061-32AF Damper actuator with 2 auxiliary switches, can be set the angle in 0-90° (Factory setting 10° and 80°) .



3(1.5)Amp 230V
Actuator at 0°