

EA700 Series Standard Damper Actuators

Designed for damper control within HVAC systems.



Torque:

2Nm, 5Nm, 10Nm, 20Nm, 30Nm, 40Nm

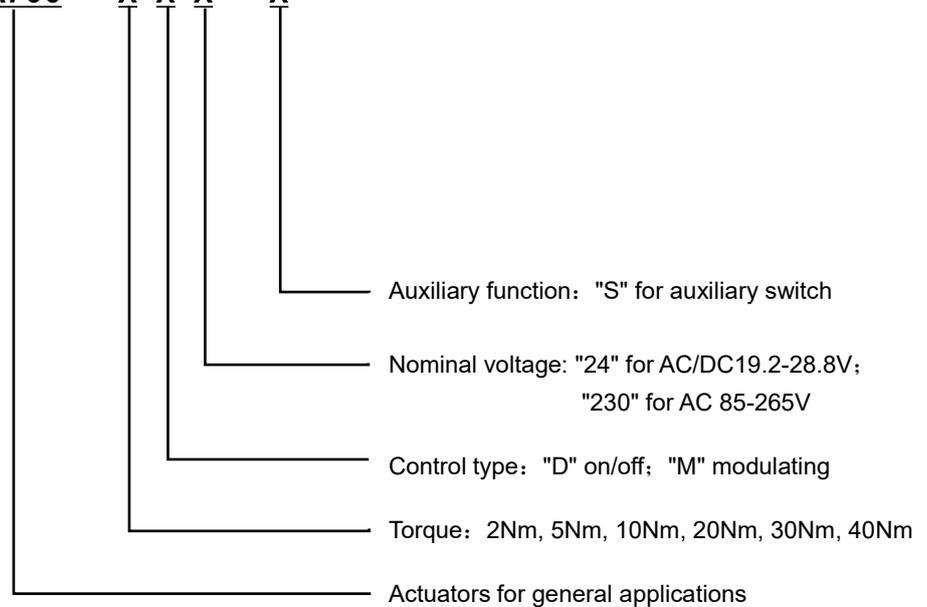
Nominal Voltage and Control Type:

AC/DC19.2-28.8V or AC85-265V, 2-point/3-point, D

AC/DC19.2-28.8V, 0(2)-10V or 0(4)-20mA, M

Product Code Description:

EA700 - X X X - X



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10Nm Model Selection Chart

Model	Torque	Running Time	Nominal Voltage	Auxiliary Function
EA700-10D24	10Nm	60s	AC/DC 24V	None
EA700-10D230			AC 230V	
EA700-10M24			AC/DC 24V	
EA700-10D24-S			AC/DC 24V	Auxiliary Switches
EA700-10D230-S			AC 230V	
EA700-10M24-S			AC/DC 24V	



Technical Parameters

Model	EA700-10D24	EA700-10D230	EA700-10M24
	EA700-10D24-S	EA700-10D230-S	EA700-10M24-S

Electrical Parameters

Nominal Voltage	AC/DC 24V 50/60Hz	AC 230V 50/60Hz	AC/DC 24V 50/60Hz	
Voltage Range	AC/DC 19.2-28.8V	AC 85-265V	AC/DC 19.2-28.8V	
Power	running	2.5W	3.5W	2.5W
Consumption	holding	0.7W	1W	0.7W
Cable Specification	On/Off Type: 1m cable 3*0.75mm ² ; Modulating Type: 1m cable 4*0.5mm ² ; Feedback Signal: 1m cable 6*0.5mm ²			

General Parameters

Torque	10Nm		
Damper Size	2m ²		
Running Time	60s		
Control Type	2-point/3-point		0(2)-10V or 0(4)-20mA
Rotation Angle	0~90° (93°max.)		
Rotation Direction	L/R switch		
Position Feedback	available with 2 auxiliary switches		
Life Cycle	≥70000		
Noise Level	45dB		

Working Environment

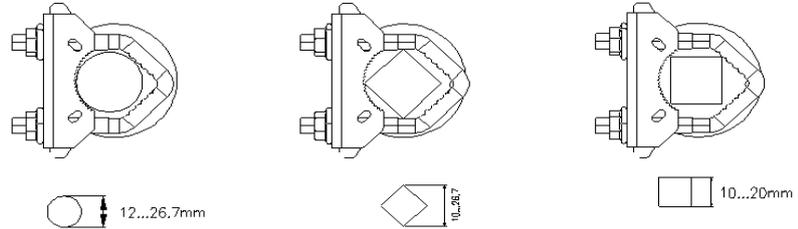
Protection Class	II /III		
Protection Level	IP54		
Ambient Temperature	-30~+50°C		
Ambient Humidity	5~95%RH		
Storage Temperature	-40~+80°C		

Dimension/Weight/Other

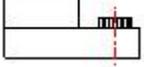
Shaft	 12-26.7mm; If the size of the damper shaft is small, use the shaft spacer 3
Weight	0.9Kg
Certificate	CE、UL、UKCA、RoHS

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EA700-10/20 Shaft Dimensions



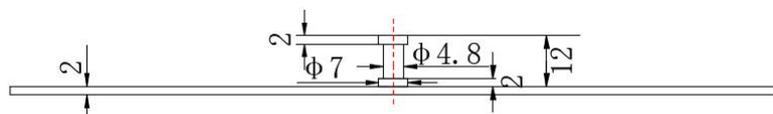
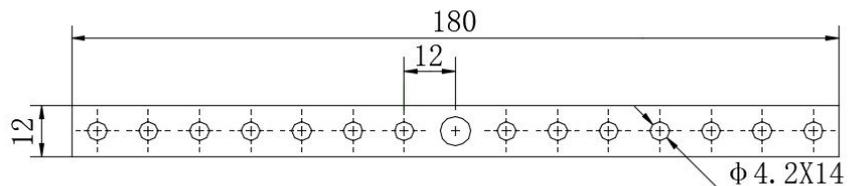
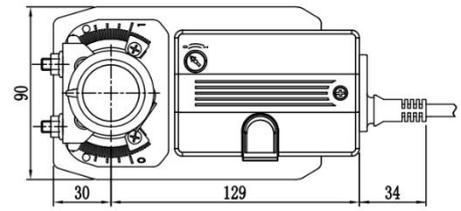
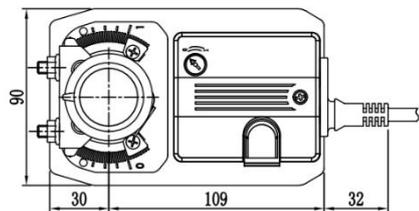
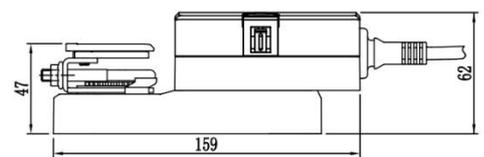
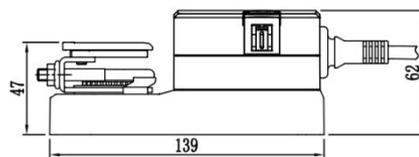
Unit: mm

Throttle Axis	Length			
	≥ 42	12...26.7	≥ 10	≤ 26.7

EA700-10/20 Shape and Mounting Dimensions (mm)

EA700-10/20D24
EA700-10/20M24

EA700-10/20M24-S EA700-10/20D230-S
EA700-10/20D24-S EA700-10/20D230

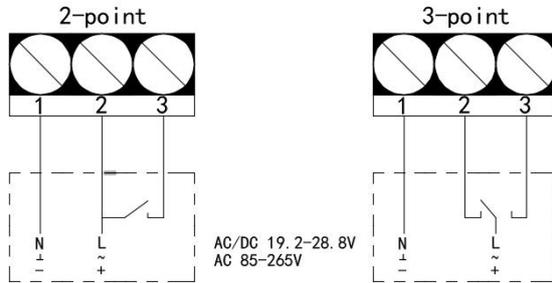


EA700 Series Damper Actuators Installation Diagram

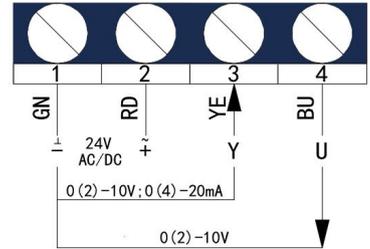
Wiring Diagram



ON/OFF

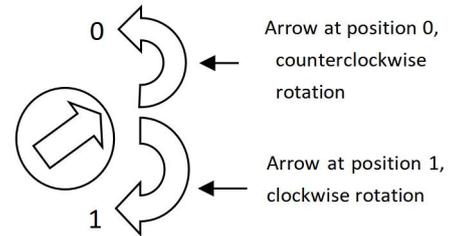
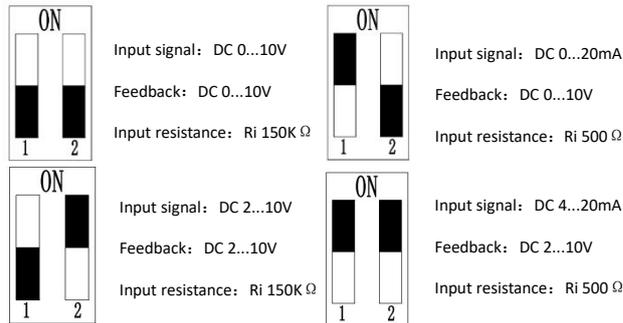


MODULATING



Control signal and Input resistance

According to on-site needs, the position of the SW1 dial switch in the circuit board can be adjusted to achieve the conversion of control signals and feedback signals, as shown in the following figure.



Auxiliary Switch Description

