

# ELECTRONIC ACTUATOR DATASHEET

## 1.Product Name: ADC120-12

Product Description:

**ADC120-12, External Actuator, 12V Model;**

We supply the following Electronic Actuators:

1)ADC120-12, ADC120-24

2)ADC225-12,ADC225-24

3)ACD175A-12,ACD175A-24



## SPECIFICATIONS

### PERFORMANCE:

Available Torque

Max1.0Lb-ft(1.4Nm)

Maximum Operating Shaft Angular Travel

25+1degree CW/CCW

### POWER INPUT:

Operating voltage

12VDC

Normal Operating Current

2 A at 12VDC

1 A at 24VDC

Maximum Current Continuously Rated

6 A at 12VDC

3 A at 24VDC

### ENVIROMENTAL:

Temperature Range

-54 to 95

Relative Humidity

up to 100%

All Surface finishes

Fungus proof and corrosion resistant

### PHISICAL:

Weight

2.3 kg

Mounting

Any position, electrical connector at the top preferred

### RELIABILITY:

Vibration

up to 20G @50-500 Hz

Testing

100% Tested

### MATING HARDWARE

Connector

Supplied With Actuator

Lever

LE1500-2

Rod End Bearings(to attach a 12#20 HD linkage rod to lever)

BR100(Right Hand)

BR101(Left Hand)

Wiring Harness HD120

4ft. harness supplied with actuator, other length available from Actuator

## Ruitai Industry Co.,Ltd

TEL:+86 577 80221899 FAX:+86 577 56667563

EMAIL:sales@china-avr.com WEB:http://www.china-avr.com

ADD:No.1402 Unit 15 Group 2 Xintianyuan, Xincheng Wenzhou 325000,Zhejiang China

Professional manufacturer of Stamford AVR, Leroysoner AVR R250,Marthon AVR, Siemens AVR,Deep Sea Starting System,Cumminsspeed control,Load Sharing module,Cummins Actuators,GAC Actuators,Caterpillar AVR VR6,Mecc Alte AVR SR7,rectifierSSAYEC432,Diode Bridge330-25777 ,Blaser AVR AVC63-7,Kutai AVR EA05A,SS053,MARELLI AVR M16FA655A,DSE5120,DSE5220,DSE5110,DSE501K,DSE704...etc.

## 2.Product Name: ADC225-12

Product Description:

**ADC225-12 External Actuator, 12V Model;**

We supply the following Electronic Actuators:

- 1)ADC120-12, ADC120-24
- 2)ADC225-12,ADC225-24
- 3)ACD175A-12,ACD175A-24



### SPECIFICATIONS

#### PERFORMANCE:

Available Torque Max1.0Lb-ft(1.4Nm)  
Maximum Operating Shaft Angular Travel 25±1degree CW/CCW

#### POWER INPUT:

Operating voltage 12VDC  
Normal Operating Current 2 A at 12VDC  
1 A at 24VDC  
Maximum Current Continuously Rated 6 A at 12VDC  
3 A at 24VDC

#### ENVIROMENTAL:

Temperature Range -54 to 95  
Relative Humidity up to 100%  
All Surface finishes Fungus proof and corrosion resistant

#### PHISICAL:

Weight 2.3 kg  
Mounting Any position, electrical connector at the top preferred

#### RELIABILITY:

Vibration up to 20G @50-500 Hz  
Testing 100% Tested

#### MATING HARDWARE

Connector Supplied With Actuator  
Lever LE1500-2  
Rod End Bearings(to attach a 12#20 HD linkage rod to lever) BR100(Right Hand)  
BR101(Left Hand)  
Wiring Harness ADC120 4ft. harness supplied with actuator, other length available from Actuator

## Ruitai Industry Co.,Ltd

TEL:+86 577 80221899 FAX:+86 577 56667563

EMAIL:sales@china-avr.com WEB:http://www.china-avr.com

ADD:No.1402 Unit 15 Group 2 Xintianyuan, Xincheng Wenzhou 325000,Zhejiang China

Professional manufacturer of Stamford AVR, Leroysoner AVR R250,Marthon AVR, Siemens AVR,Deep Sea Starting System,Cumminsspeed control,Load Sharing module,Cummins Actuators,GAC Actuators,Caterpillar AVR VR6,Mecc Alte AVR SR7,rectifierSSAYEC432,Diode Bridge 330-25777 ,Blaser AVR AVC63-7,Kutai AVR EA05A,SS053,MARELLI AVR M16FA655A,DSE5120,DSE5220,DSE5110,DSE501K,DSE704...etc.

### 3.Product Name: ACD175A-12

Product Description:

**ACD175A-12 Internal Actuator, 12V Model.**

We supply the following **Electronic Actuators:**

- 1)ADC120-12, ADC120-24
- 2)ADC225-12,ADC225-24
- 3)ACD175A-12,ACD175A-24



### 4.Product Name: ACD175A-24

Product Description:

**ADC175A-24 Internal Actuator, 24V Model.**

We supply the following **Electronic Actuators:**

- 1)ADC120-12, ADC120-24
- 2)ADC225-12,ADC225-24
- 3)ACD175A-12,ACD175A-24



## Ruitai Industry Co.,Ltd

**TEL:+86 577 80221899 FAX:+86 577 56667563**

**EMAIL:sales@china-avr.com WEB:http://www.china-avr.com**

**ADD:No.1402 Unit 15 Group 2 Xintianyuan, Xincheng Wenzhou 325000,Zhejiang China**

Professional manufacturer of Stamford AVR, Leroysoemer AVR R250,Marthon AVR, Siemens AVR,Deep Sea Starting System,Cumminsspeed control,Load Sharing module,Cummins Actuators,GAC Actuators,Caterpillar AVR VR6,Mecc Alte AVR SR7,rectifierSSAYEC432,Diode Bridge 330-25777 ,Blaser AVR AVC63-7,Kutai AVR EA05A,SS053,MARELLI AVR M16FA655A,DSE5120,DSE5220,DSE5110,DSE501K,DSE704..etc.

## 5.Product Name: ADC120-24

Product Description:

**ADC120-24 External Actuator, 24V Model;**

We supply the following **Electronic Actuators:**

- 1)ADC120-12, ADC120-24
- 2)ADC225-12,ADC225-24
- 3)ACD175A-12,ACD175A-24



### SPECIFICATIONS

#### PERFORMANCE:

Available Torque Max1.0Lb-ft(1.4Nm)  
Maximum Operating Shaft Angular Travel 25±1degree CW/CCW

#### POWER INPUT:

Operating voltage 24VDC  
Normal Operating Current 2 A at 12VDC  
1 A at 24VDC  
Maximum Current Continuously Rated 6 A at 12VDC  
3 A at 24VDC

#### ENVIROMENTAL:

Temperature Range -54 to 95  
Relative Humidity up to 100%  
All Surface finishes Fungus proof and corrosion resistant

#### PHISICAL:

Weight 2.3 kg  
Mounting Any position, electrical connector at the top preferred

#### RELIABILITY:

Vibration up to 20G @50-500 Hz  
Testing 100% Tested

#### MATING HARDWARE

Connector Supplied With Actuator  
Lever LE1500-2  
Rod End Bearings(to attach a 12#20 HD linkage rod to lever) BR100(Right Hand)  
BR101(Left Hand)  
Wiring Harness HD120 4ft. harness supplied with actuator, other length available from Actuator

## Ruitai Industry Co.,Ltd

TEL:+86 577 80221899 FAX:+86 577 56667563

EMAIL:sales@china-avr.com WEB:http://www.china-avr.com

ADD:No.1402 Unit 15 Group 2 Xintianyuan, Xincheng Wenzhou 325000,Zhejiang China

Professional manufacturer of Stamford AVR, Leroysoner AVR R250,Marthon AVR, Siemens AVR,Deep Sea Starting System,Cumminsspeed control,Load Sharing module,Cummins Actuators,GAC Actuators,Caterpillar AVR VR6,Mecc Alte AVR SR7,rectifierSSAYEC432,Diode Bridge 330-25777 ,Blaser AVR AVC63-7,Kutai AVR EA05A,SS053,MARELLI AVR M16FA655A,DSE5120,DSE5220,DSE5110,DSE501K,DSE704...etc.

## 6.Product Name: ADC225-24

Product Description:

ADC225-24 External Actuator, 24V Model:

We supply the following Electronic Actuators:

- 1)ADC120-12, ADC120-24
- 2)ADC225-12,ADC225-24
- 3)ACD175A-12,ACD175A-24



### SPECIFICATIONS

#### PERFORMANCE:

Available Torque Max2.2Lb-ft(2.7Nm)  
Maximum Operating Shaft Angular Travel 25±1degree CW/CCW

#### POWER INPUT:

Operating voltage 24VDC  
Normal Operating Current 3 A at 12VDC  
1.5 A at 24VDC  
Maximum Current Continuously Rated 8 A at 12VDC  
4 A at 24VDC

#### ENVIROMENTAL:

Temperature Range -54 to 95  
Relative Humidity up to 100%  
All Surface finishes Fungus proof and corrosion resistant

#### PHISICAL:

Weight 3.5kg  
Mounting Any position, electrical connector at the top preferred

#### RELIABILITY:

Vibration up to 20G @50-500 Hz  
Testing 100% Tested

#### MATING HARDWARE

Connector Supplied With Actuator  
Lever LE1500-2  
Rod End Bearings(to attach a 12#20 HD linkage rod to lever) BR200(Right Hand)  
BR201(Left Hand)  
Wiring Harness HD225 supplied with actuator

## Ruitai Industry Co.,Ltd

TEL:+86 577 80221899 FAX:+86 577 56667563

EMAIL:sales@china-avr.com WEB:http://www.china-avr.com

ADD:No.1402 Unit 15 Group 2 Xintianyuan, Xincheng Wenzhou 325000,Zhejiang China

Professional manufacturer of Stamford AVR, Leroysover AVR R250,Marthon AVR, Siemens AVR,Deep Sea Starting System,Cumminsspeed control,Load Sharing module,Cummins Actuators,GAC Actuators,Caterpillar AVR VR6,Mecc Alte AVR SR7,rectifierSSAYEC432,Diode Bridge 330-25777 ,Blaser AVR AVC63-7,Kutai AVR EA05A,SS053,MARELLI AVR M16FA655A,DSE5120,DSE5220,DSE5110,DSE501K,DSE704...etc.