



# QYJ-10KPa Intelligent Pressure Controller User Manual



**Beijing Fuyuanlida Electronic Technology Co., Ltd**





# Contents

<b>Chapter 1 Product Description</b> .....	2
1. Overview.....	2
2. System characteristics.....	2
3. Technical Specifications.....	2
4. Controller panel.....	3
5. Packing list.....	4
<b>Chapter 2 installation</b> .....	4
1. Unpacking check.....	4
2. Installation.....	4
<b>Chapter 3 Operation</b> .....	5



## Safety Symbol、 glossary:

Some symbols and glossaries used in the manual are as follow:

Caution: indicates the possible danger to the life damage.

Attention: indicates the possible danger to the device failure.

Without the special declaration, this manual is only fit for the QYJ-10KPa Intelligent Pressure Controller.。

## Guarantee and Service:

Beijing Fuyuanlida Electronic Technology co., Ltd will take charge of the free repairing for the product fault caused under normal operating conditions within the first year after delivery or upon installation.

During the warranty period, whether the repairing or replacement of the product shall be determined by Beijing Fuyuanlida Electronic Technology co., Ltd. The corrupt due to the force majeure, abnormal transmission or operation, or abnormal uninstal t is not within the warranty.

Please fill the warranty bill and post to headquarter of Beijing Fuyuanlida Electronic Technology co., Ltd, so as to make a register of your device as soon as possible. The Warranty Register Form is presented in the end of this manual.

**Headquarter address: Room 402, No 1 buidling, 28 # XinAnli, DaXing District, Beijing, China**

**Post Code: 102614**

**Tel: 0086-10-61295219 (Post-sale Service Hotline)**

**Fax: 0086-10-61295219**

## About this manual:

This manual detailed the product characteristics, installation and test, operation as well as maintenance.

Please save the manual for your future reference, and read this manual carefully before your installation. If you have any question, please kindly contact our post-sale service department.

Attention: The future change of product functions or features brought by technical innovation .



## Chapter 1 Product Description

### 1. Overview

QYJ—10KPa Intelligent Pressure Controller, is an innovative product completely from the design, development and manufacture of Beijing Fuyuanlida Electronic Technology co., Ltd. This product integrates the requirements of cable inflator from power supply system and the use request from the customers, and also adapts the new importing components.

The mature and reliable software technology and hardware electro circuit are adopted, so as to ensure the advance and good reliability of the functions

### 2. System characteristics

1. DC power and AC power supply are supported.
2. Working Pressure value, upper limit and lower limit of warning pressure are shown by digital display.
3. The upper limit and lower limit of warning can be set manually.
4. The product is of standard Plastic Case and beautiful, and easy to be installed.
5. The controller has the function of data storage, and the stored data can last 50 years after power failure.

### 3. Technical Specifications

Item	Unit	Value Range
Voltage	V	AC: 176-265V 50Hz DC:24V
Static power consumption	W	3W
Measurement Pressure	KPa	0—10KPa
Overrunning threshold of pressure (Then Relay works and buzzer gives an alarm)	KPa	3.5KPa Attention: this value will be preset based the customer request declared in order
Working environment		
Temperature Range:	°C	—10°C —50°C
Relative Humidity	%	< 80%

4. Controller panel

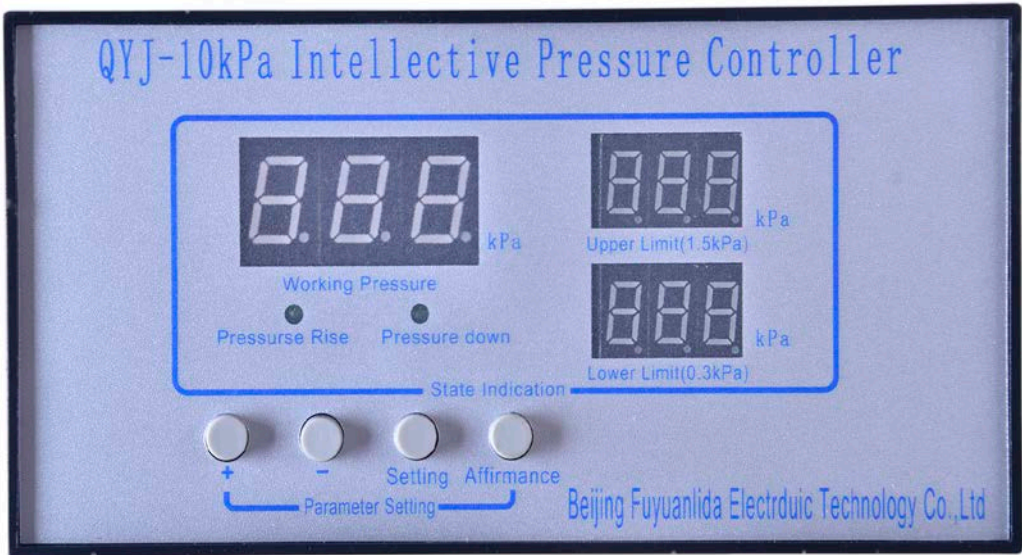


Figure 1-1 The front panel



Figure 1-2 the back panel

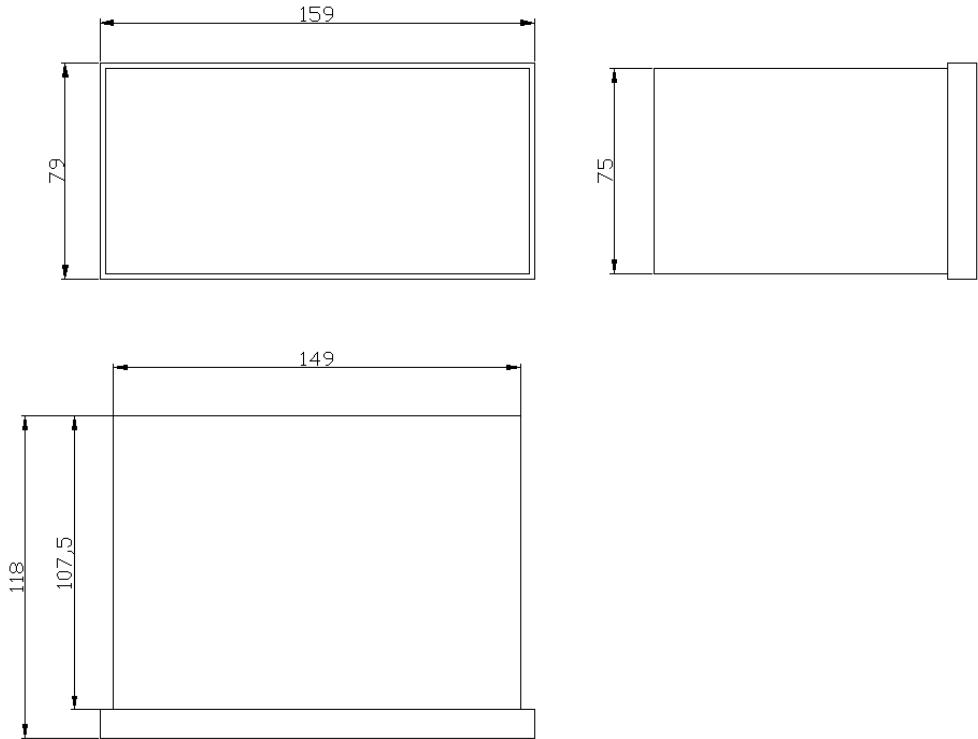


Figure 1-3 Outline Dimension (mm)

### 5. Packing list

item	quantity	unite
The controller device	1	set
user Manual	1	set

## Chapter 2 installation

### 1. Unpacking check

1. Check the quantity of each component listed in the packing list.
2. Check whether there is damage and cracks in the components, or the screws are loose.
3. Check whether there is some abnormal noise in the device

### 2. Installation

1. First, fix the host horizontally



2. Secondly, connect all the control signal lines. Pay attention to the difference between the open signal and closed signal.
3. Thirdly, connect power cable, and pay attention to the connecting position and polar of 220VAC and DC24V.
4. Finally, set both upper limit and lower limit of warning pressure based on the device request.

### Chapter 3 Operation

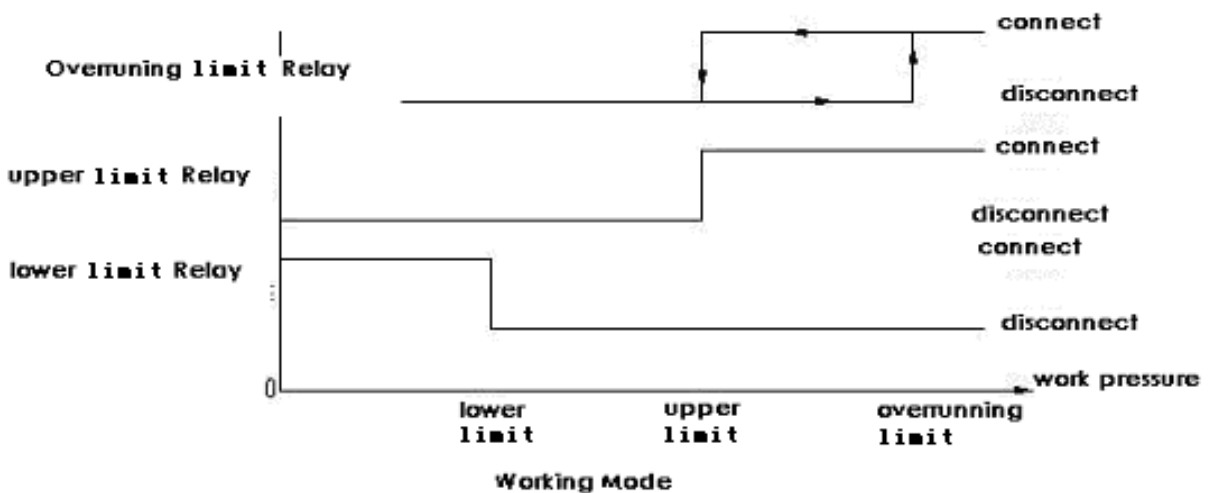
How to set the upper limit and lower limit value of warning pressure:

After switch on the QYJ—10KPa Intelligent Pressure Controller, press the ‘SET’ button in the Parameter setting, the upper limit indicator will be flashing. Then at the same time, press ‘+’ or ‘-’ button to adjust the upper threshold value, the value range is from the lower limit to the overrunning limit, the overrunning threshold is pre-set in the software of controller).

By the same method, you can set the lower limit: press the ‘SET’ button in the Parameter setting, the lower threshold indicator will be flashing. Then at the same time, press ‘+’ or ‘-’ button to adjust the lower threshold value (the value range is from 0 to the upper limit).

Finally, press the OK button and save the data. Otherwise press SET button directly to exit the setting without saving data.

#### 4 Working process







## Warranty Register Form

Product name			
Type		No.	
Ready-For-Service date		Commissioning Person	
User information	Letter address		
	Post Code		
	Tel:		
	corresponder:		

Attention: 1) please fill this form immediately after and send it to us by post.

2) this form is only used for purpose of the warranty register.

**Beijing Fuyuanlida Electronic Technology co., Ltd**  
**Tel: 0086-010-61295219(Post-sale Service Hotline)**

