E01.SC6 Gain Regulator

User Manual

Versions: V1.0   Date: 2021-12-29

This document introduces below product:

■ E01.SC6

Declaration

Contents

1. Overview

1.1 Characteristics

▷ Small size;

▷ 21.6V to 26.4V power supply;

▷ Analog input range 0 to 10V;

▷ 6 channels;

▷ 4 gain selectors for each channel.

1.2 Application

▷ Used for gain adjustment of analog input of piezo controller.

1.3 Order information

▷ This product is customized according to user' s requirements:

① Gain/adjustment 0~10Voutput (in default) ;

② Gain/adjustment 0~9.33V output ;

③ Gain/adjustment 0~6.66V output ;

④ Gain/adjustment 0~2.66V output.

2. Function
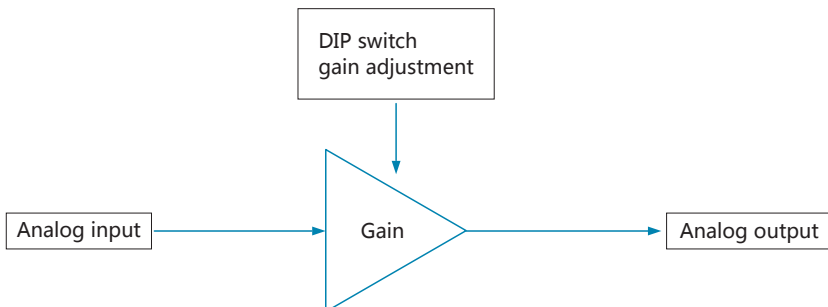
3. Appearance

4. Technical Data

Types		E01.SC6
Power supply	Input voltage	24VDC/0.3A(21.6V~26.4V)
	Static consumption	<1W
Input	Interface	BNC
	Channels	6
	Nominal analog input	0 to 10V
Output	Interface	SMB
	Channels	6
	Nominal analog output range (4 gain selectors for each channel)	(1) 0~10V; (2) 0~9.33V; (3) 0~6.66V; (4) 0~2.66V;
Appearance	Size	129mm×84mm×32mm
	Mass	485g

5. Interface

Panel Introduction

No.	Function	Description
1~6	Analog input	1~6 channel analog input
7~12	Analog output	1~6 channel analog output
13	Power supply	The power connector socket, connected through a power adapter or a DC power supply.
14	Power indicator	Indicating power supply status
15	Power switch	Power control, on or off
16~21	DIP switch	1~6 channel gain adjustment DIP switch

6. Gain Adjustment

E01.SC6 gain regulator features 6 channels input and 6 channels output, there are 4 gain selectors for each channel, and 1 to 6 channel gain DIP switch is in sequence coresponding to S1 to S6. Gain selectors are shown in blow.

(1) 0~10V (in default)　　(2) 0~9.66V　　　(3) 0~6.66V　　　(4) 0~2.66V
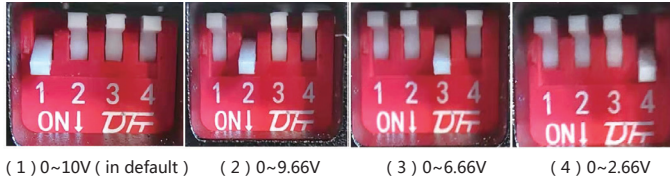
Note: Please shift the gain selector after power off.

7. Contact Us

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