

Instructions

Intelligent PID Controller

Z90D&Z80D&Z60D Series



attestation

ISO 9001:2015

Please read this instruction manual carefully before installation



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| Introduction

The intelligent PID pressure controller is a kind of superior reliable single-circuit intelligent PID pressure regulating instrument.It can be used in the industrial process automation control like conventional temperature control,flow rate control,liquid level pressure control, etc. outputting through current,voltage,SSR drive,one-phase/three-phase SCR phase-shift/zero passage, relay, etc. to realize quantitative programming curve control.

| Application

- chemical fiber industry
- injection molding industry
- rubber industry
- constant pressure water supply
- pressure system

| Product features

- High measuring accuracy,strong anti-interference
- Small size ,light weight
- Diverse control output
- PID output regulation
- Two-way relay output

Technical data

Displayer	double-row four-digit highly bright LED digital display
Resolution	0.001
Range	-1999...9999 (decimal point variable)
Accuracy	0.2%F.S
Power Supply	110-240VAC, 20-32VDC
Signal Input	2mv/V, 4-20mA, 0-5V, 0-10V
Signal Output	4-20mA, 0-5V, 0-10V, relay output, RS485/RS232 communication
Working Temp	-10-50 C

Dimensions

Model	Side View	Back View
<p>Panel Size 96 × 48 mm</p>		
<p>Panel Size 96 × 96 mm</p>		
<p>Panel Size 48 × 96 mm</p>		

Ordering guide

Serie Code		Z	X	X	X	X	X	X	X
Size	Square 96*96	90D							
	Vertical 48*96	80D							
	Transverse 96*48	60D							
Power Supply	110 ~ 240VAC	V1							
	20 ~ 32Vdc	V2							
Pressure Range	XMPa	Mx							
Signal Input	2mV/V	S2							
	4 ~ 20mA	S4							
	0 ~ 10Vdc	S5							
	0 ~ 5Vdc	S6							
PID Signal Output	None	H0							
	4 ~ 20mA	H1							
	0 ~ 10Vdc	H2							
	0 ~ 5Vdc	H3							
Relay Output	None	Blank							
	one-way replay output	K1							
	two-way replay output	K2							
	three-way replay output	K3							
Communication Output	None	Blank							
	RS485	T4							
	RS232	T2							
	Mod-Bus	TM							