Ziasiot

Instructions

Intelligent Digital Indicator

Z900&Z800&Z600&Z901&Z801&Z601 Series

attestation

ISO 9001:2015

Please read this instruction manual carefully before installation

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Introduction

Intelligent digital indicator is usually used to work with pressure sensor whose signal type can be mV/V, 4-20mA, 0-10V, 0-5V, etc., it adopts relay output control and outputs through current or voltage transmitter, RS485communication, RS232 communication etc. This series adopts switching mode power supply, and the anti-interference grade can reach 4800V group pulse.

Application

- Chemical fiber industry
- injection molding industry
- rubber industry

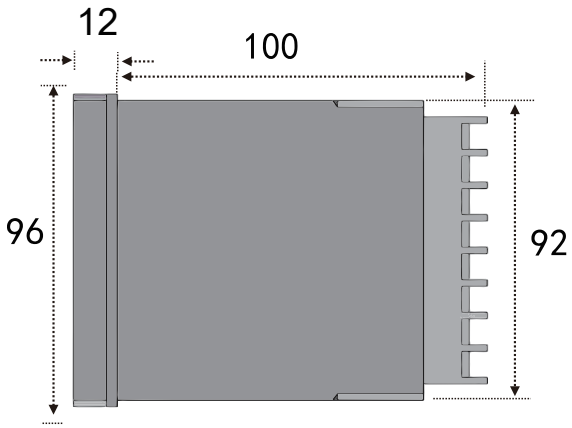
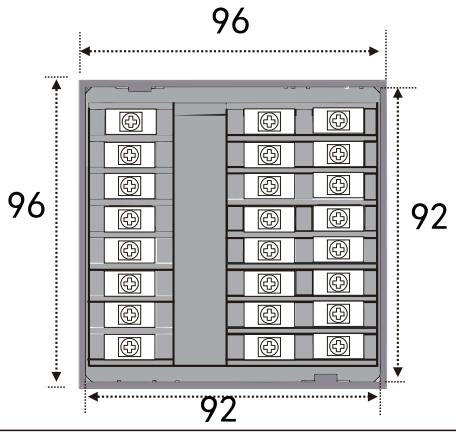
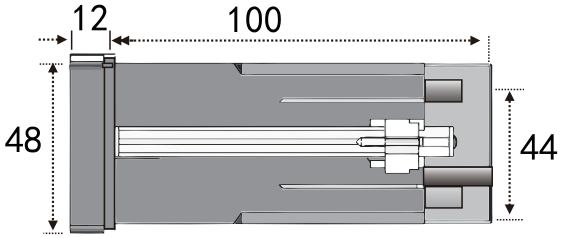
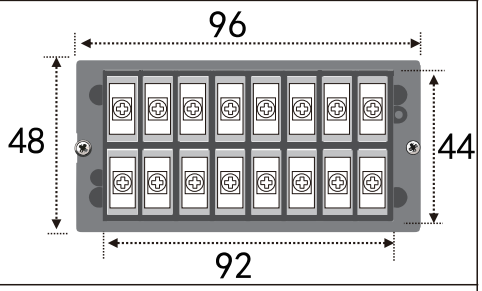
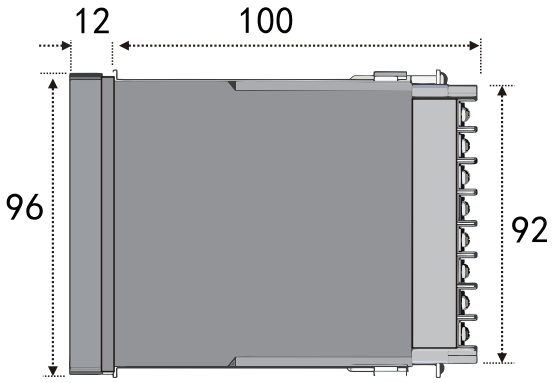
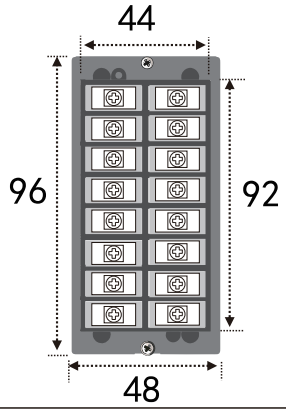
Product features

- High measuring accuracy,strong anti-interference
- Small size ,light weight
- Diverse control output
- Fast response
- Simultaneous pressure&temperature display available

Technical data

Displayer	double-row four-digit highly bright LED digital display
Resolution	0.001
Range	pressure: 0000…9999(decimal point variable), temp: 000.1…400.0
Accuracy	0.2%F.S
Sampling Rate	50 times/second
Power Supply	85-265VAC, 24VDC
Signal Input	mV/V, 4-20mA, 0-10V, 0-5V
Temperature Measuring Type	K, J, E type, or Pt100 RTD
Signal Output	4-20mA, 0-5V, 0-10V, relay output, RS485/RS232 communication
Working Temp	-10……50℃
Overall Weight	400g(Z900/Z901), 280g(Z800/Z801, Z600/Z601)

Dimensions

Model	Side View	Back View
Z900 Z901		
Z600 Z601		
Z800 Z801		

Ordering guide

Serie No	Z	X	X	X	X	X	X
Instrument Type	Square 96*96 pressure measurment	800					
	Vertical 48*96 pressure measurment	900					
	Transverse 96*48 pressure measurment	600					
	Square 96*96 pressure&temp measurement	901					
	Vertical 48*96 pressure&temp measurement	801					
	Transverse 96*48 pressure&temp measurement	601					
Power Supply	85～265VAC		V1				
	24Vdc		V2				
Pressure Range	XMPa			Mx			
Signal Input	1.5mV/V				S1		
	2mV/V				S2		
	3.33mV/V				S3		
	4～20mA				S4		
	0～10Vdc				S5		
	0～5Vdc				S6		
Temperature Input	None					Blank	
	K type					K	
	E type					E	
	J type					J	
Signal Output	2 way replay output (standard)						H1
	2 way replay output + 1 way replay output						H2
	2 way replay output + 4~20mA output						H3
	2 way replay output + 0～10Vdc output						H4
	2 way replay output + 0～5Vdc output						H5
	2 way replay output + RS485 communication						H6
	2 way replay output + RS232 communication						H7