

## 【WP6230 series distributor】

### > Product outline

WP6230 series distributor is a kind of modularize structural guide way instrument. It provides isolated power to the field two-wire system transmitter from which the (4~20) mA DC signal is to be transformed into isolated with it (4~20) mA DC or (1~5) V DC signal output simultaneously. It supplies indicator, recorder, analog regulator, programmable single/multi-loop digital regulator, industrial process controller and decentralized system, to constitute a variety of monitoring control system, widely used to the detection and control system in industry production process. This distributor is an indispensable instrument variety to construct non explosion-proof self-control system.

### 1. Main technical parameter

Distribution voltage: (18.5~28.5) V

Input signal (4~20) mA DC

Output signal (4~20) mA DC or (1~5) V DC

Load resistance

· ≤500Ω when (4~20) mA DC output, when ordering special load note may provide (250~600)Ω

· ≥250KΩ when (1~5) V DC output

Accuracy 0.5 grade

Common mode interference < 5 mV at the 50 Hz

Response time < 1s

Isolation isolates each other between input, output, power

Power supply 24 V DC ±2V

Power consumption <1.5 W

Environmental temperature (-10~60) °C

Relative humidity <90% (no condensate)

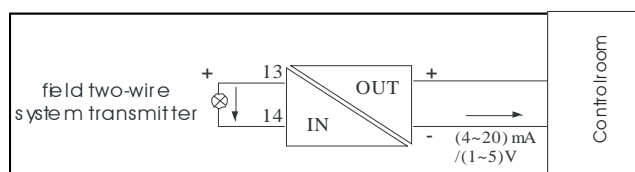
Insulating resistance ≥100 MΩ between power, input and output terminal

Insulating strength when apply 500 VAC, for 1 minute, no arcing, between power, input, output terminal no breakdown

Weight approximately 150 g

Maintenance the instrument may be changed in the installation distributing state

### > Schematic diagram of function



### > Options

Model	Input signal	Output signal	Channel number	Remark
WP6231	(4~20) mA DC	(4~20) mA DC/(1~5)V DC	Single-channel	Output approved (4~20) mA when leaving the factory, if need (1~5)V please explain while ordering
WP6232	(4~20) mA DC	(4~20) mA DC/(1~5)V DC	Double-channels	
WP6233	(4~20) mA DC	(4~20) mA DC/(1~5)V DC	One-in two-out	

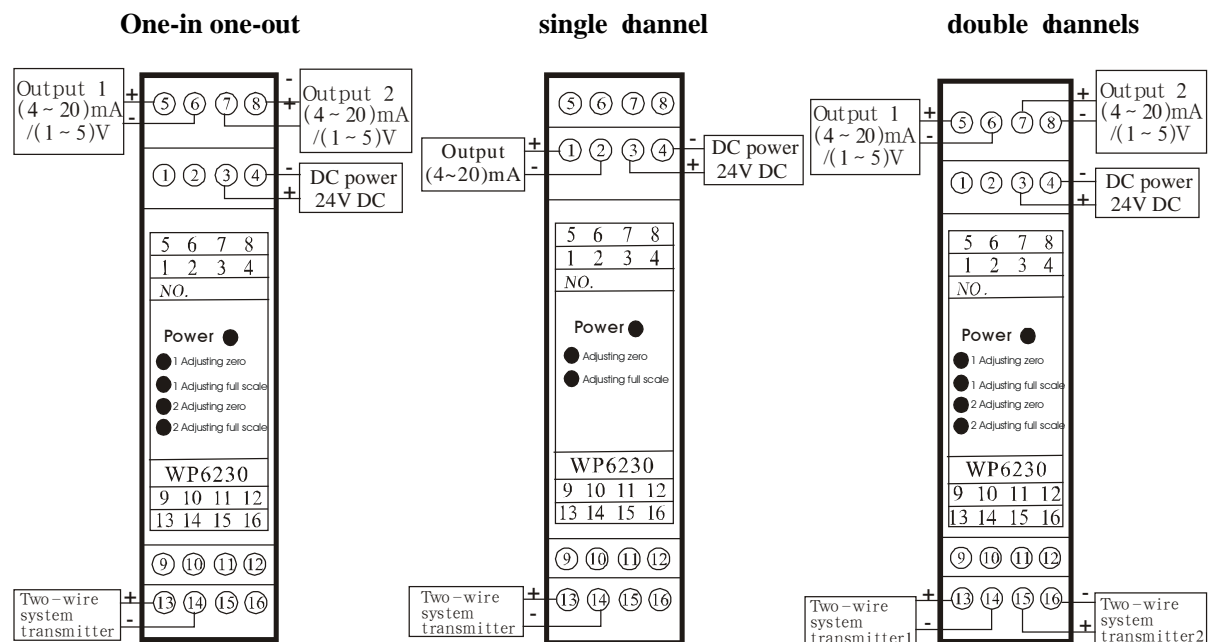
Guide to ordering

User needs in field distribute to pressure/differential pressure transmitter, single channel (4~20) mA

output

model: WP-6231

➤ **Wiring diagram of the instrument**



> **Outline dimension**

Outline dimension: height 114.5, width 99, and depth 22.5( mm)

Installation: 35 mm DIN guide-way type installation