

BT5310/11

Intelligent Pressure Controller



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1. Overview

BT5310/1 Intelligent Pressure Display Controller is an intelligent pressure measurement and control product that integrates pressure measurement, display, output and control, with RS485 digital interface; the product is a fully electronic structure, using internationally renowned brand pressure sensors, high-precision A/D conversion, microprocessor operation processing, on-site display, and output of one analog quantity and five switch quantities.

This intelligent digital pressure controller is flexible to use, simple to operate, easy to debug, safe and reliable, and is widely used in hydropower, tap water, petroleum, chemical industry, machinery, hydraulic and other industries to measure, display and control the pressure of fluid media.

2. Product Features

- 100mm standard instrument installation
- Dual 4-digit LED digital tube display, main screen 0.8 inches, auxiliary screen 0.36 inches.

- Five control point relay output 220VAC/3A, user-defined - 4v20mA, RS485 standard signal output (optional)
- Power supply optional 24VDC/220VAC (or dual power supply)
- The auxiliary screen can display the maximum value, minimum value, percentage, and all control pull-in and release values, which can be changed by the user at any time
- The parameters of the transmitter controller can be set on site with buttons, which is easy to operate

3. Technical Parameters

Measuring Range	0-100MPa	Accuracy Level	0.3%0.5%FS
Overload Capability	200%	Pressure Type	Gauge
Stability	≤0.1% /year	Voltage	220VAC/24VDC
Main Display	0.8'Digital Tube	Display Range	-1999~9999
Sub-display	0.36'Digital Tube	Analog Output	4-20mA/RS485
Ambient Temperature	-20°C~70°C	Relative Humidity	≤80%
Number of	0-5	Switching	Relay normally

Switches		Characteristics	open / Normally closed
Mounting Thread	M20*1.5	Protection Level	IP63

4. Diameter

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