

G-2301P

Panel-Mount Weighing Transmitter



The G-2301P is a brand new panel-mount transmitter that has both weighing and force-measurement modes. It features a dual-row digital display that provides a clear and intuitive indication of instrument status. It is widely applied in chemical industry, fertilizer and feeds industry, electronics production, and other industrial fields.



HARDWARE HIGHLIGHT



Standard:

- ① Load Cell: 6-wire interface;
- ② Serial Port: 1 RS485 or 1 RS232;
- ③ I/O: 4 inputs 6 outputs (transistor output) or 4 inputs 5 outputs (relay output);
- ④ USB: 1 interface

Optional:

- ① Analog: 16-bit analog output (current or voltage);
 - ② Network: Modbus TCP/IP or Profinet.
- (Option ①② can be selected at the same time.)



FEATURES

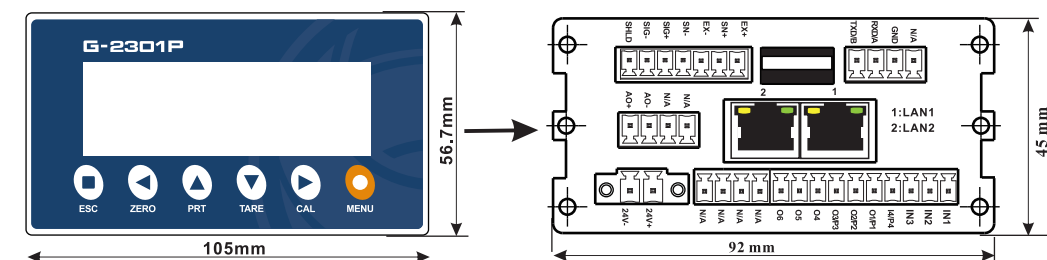
- Weighing or force-measurement modes selectable; (must be specified when ordering)
- Shortcut key for quick printing;
- Tare functions, supporting preset tare and auto tare;
- Weight correction function with automatic coefficient calculation;
- Parameter backup and migration—no calibration needed when replacing a device;
- Key lock function to prevent misoperation;
- Operation record for easier troubleshooting;
- Trial mode available with configurable trial duration;
- Weasy-Config PC software for remote configuration and monitoring.

Specifications

General Specifications	Model	G-2301P
	Power Supply	24VDC (18~30VDC)
	Dimensions	103*91*56(mm)
	Product Weight	345g
	Operating Environment	-10~40°C, 90%R.H,non-condensing
	IP Grade	IP65(Front Panel)
	Keys	6 keys
	Approval Standard	ClassIII 6000e, 1μV/e
Measurement Parameters	Load Cell Excitation Voltage	5V 200mA(MAX)
	Load Cell Requirements	1 analog load cell interface, Connect up to 8×350 Ω load cells, for 1mV/V、2mV/V、3mV/V;
	Input Sensitivity	0.01μV/d
	Nonlinearity	0.01% F.S
	A/D Sampling Speed	50/60/100/120/200/240/400/480/800/960 (SPS)
	Maximum Display Resolution	1/1,000,000

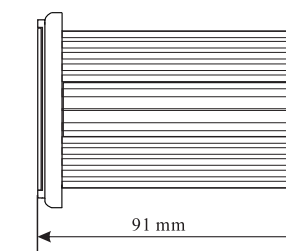
Dimension

Unit:mm

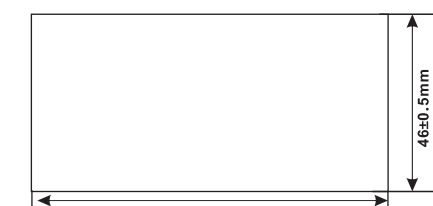


Front panel size(mm) : 105 X 57

rear panel size (mm) : 92×45



side size (mm) : 91



opening size(mm) : 93×46