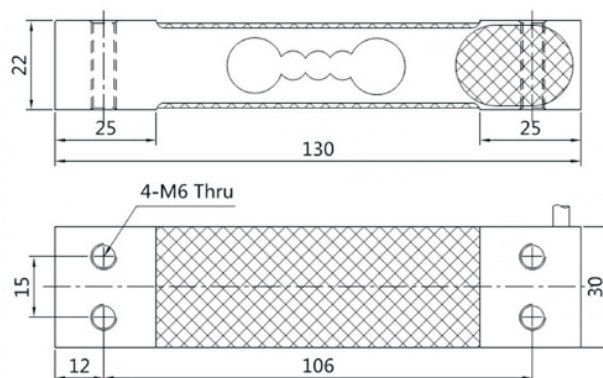


GPB100D



FEATURES

- Aluminum alloy, surface anodized and anticorrosion;
- Built-in digital module, digital signal output, RS485 or RS232;
- Max platform size: 250×350mm;
- Factory calibration, no calibration required.
- Modify the acceleration of gravity and can be used in other places without calibration;
- To change division value, after that, the corresponding weight can be output, no need for field calibration.
- The sensor has only one zero-setting command and a weight read command are immediately accessed.
- Mainly used in smart shelves, smart gravity cabinets, garbage recycling and others.

PARAMETER

Rated Load	3,6,10,20,30,40,50(kg)		
Division Value	≤5kg, 0.1g	Weight data output rate	Rs485: 3ms
	6~50kg, 1g		RS232: 20ms
Detectability *	Default 1	Operating Temp.Range	RS485: -20~+70℃
Comprehensive Error	0.005%F.S		RS232: -10~+70℃
Temp. Effect on Output	0.002%F.S/℃	Excitation,Recommend	5~12VDC
Temp. Effect on Zero	0.002%F.S/℃	Safe Overload	150%
Creep	0.018%F.S/30mins	Ultimate Overload	200%
Output	RS485 or RS232	Cable	4-Wire Shielded Cable
Baud rate	RS485: 115200	Cable length	φ 4×400mm
	RS232: 19200	Ingress Protection	IP65
A/D Sampling Rate	1200 times/sec	Communication Protocol	RS485:MODBUS RTU and Custom protocol
A/D Resolution	300000		RS232:Custom protocol

*Detectability can be set according to the customer scenario;

WIRING

RS232	RS485	Color	Explain
+V	+V	Red	5~12VDC
GND	GND	Black	0V
RD	A	Green	Connect external device TXD or A
TD	B	White	Connect external device RXD or B