

High Accuracy Digital Weigh Module HY 103

Specifications :

Price	Contact us
Brand Name	Hanyi
Place of Origin	China
Min.Order Quantity	1
Payment Terms	L/C, T/T, Paypal
Supply Ability	1000
Delivery Detail	3days--7days
Packaging Details	Wooden case or wooden pellets depended on clients' require

Detail Introduction :

Brief description

High Accuracy Digital Weigh Module HY 103 is a new type of weighing cell, which combines components such as load cells, load transfer devices and mounting connectors.

It can be connected with mechanical devices of different shapes, such as raceways, platforms, vertical tanks, tanks, hoppers, etc.

Main features

- FPGA anti-vibration filter
- Settling time 0.2~0.4s
- Protection class IP54
- Overload protection
- 2DI input & 4DO output
- RS232 & RS485
- ModbusTCP Ethernet
- Modbus RTU protocol
- Integrated Bubble Level
- Fast weighing application



Technical parameters

Model	HY103	HY203	HY503	HY1002	HY3002	HY5002	
Weighing Capacity	100	200	500	1000	3000	5000	g
Division Value	0.001	0.002	0.005	0.02	0.05	0.05	g
Hysteresis err	0.001	0.002	0.01	0.02	0.05	0.05	g
Linear	0.002	0.004	0.01	0.02	0.05	0.10	g
Eccentric err	0.003	0.006	0.02	0.04	0.08	0.20	g
Platform Size	100 x 100		300 x 300				mm
Settling time	0.2~0.4 s (time from loading to output weight value), AD measuring rate is 350Hz						
Power supply	24 VDC \pm 15% \leq 2 W						
Interface 1	RS232+RS485?Modbus RTU, Standard						
Interface 2	Ethernet Optional?Modbus TCP						
Digital Input	Photoelectric isolation, 10~24 VDC, 5mA						
Digital Output	Photoelectric isolation?10~24 VDC, 0.25A						
Protection class	IP54						
Working environment	+10°C ~ +40°C? humidity<80% RH?no condensation						
Cable connection	core shielded cable, 3m in length, aviation plug (optional)						
Power supply	RD	+24VDC		BK	GND		
RS232	OG	TXD		YL	RXD		
	GY	COM					
RS485	PK	485A		BN	485B		
2DI	GN	IN1 Dynamic and static		PL	IN2 weighing in place		
4DO	WT	OUT1 (too light)		RDWT	OUT2 (qualified)		
	BNWT	OUT3 (overweight)		BKWT	OUT4 (alarm)		