

SY200

Multi-Weigh Transmodule

SY200 is a process-weighing oriented DIN-Rail weighing module. The module has a strong and flexible function, user-friendly HMI, rich information, easy operation and maintenance. SY200 weighing module suit for those have multiple weighing nodes and limited cabinet space industrial occasions such as: sorting, quantitative filling, packaging and other applications.



Features:

- ✧ 35mm DIN-Mount structure with modularized design
- ✧ Bright OLED dot-matrix display
- ✧ Optimized digital filter and quick following technology
- ✧ Keypad Zero, Tare, Clear from panel
- ✧ Embedded material transfer control
- ✧ Embedded Setpoint comparison function
- ✧ Auto zero tracking available
- ✧ Power-up zero available
- ✧ Dual RS232 / RS485 serial interface
- ✧ Standard MODBUS RTU protocol
- ✧ Optional 4~20mA interface

Specification:

Enclosure	35mm DIN Mount. PC material, IP20		
Work Mode	Setpoint / Gross Filling /Net Filling / Check weigh(stable) / Batch weigh / Transmitter		
Signal Range	-20mV~+20mV	Increments	1,2,5 x 10 ⁿ (n=-4 ~1)
Max. Sensitivity	0.5uV/d	Max. Resolution	1/100,000
FS Drift	10ppm/°C	Linearity	0.003%FS
AD Refresh Rate	<200Hz	Cells Load	Four (4) 350 ohm load cells
Display	0.96" OLED display, 128X64 pixel		
Keypad	4 Flat switch membrane with tactile-feel keys; polyester overlay		
Discrete I/O	2 Inputs; 4 Relay Outputs(250AC,1A/30VDC,2A)		
USART	COM1: RS232; COM2: RS485. (1,200 ~ 115,200)		
Serial Protocol	MODBUS-RTU, CTPZ Command, Continuous Output		
Analog Out (Option)	Signal Range: 4~20mA / 0~20mA / 0~24mA		
Power Supply	20~28VDC, 3W		
Operating Temperature	-10°C ~ +40°C, Relative humidity:10%~90%, non-condensing		

Dimensions(mm):

