BC580CK

Checkweigh Controller

BC580CK controller is designed for hi-speed belt checkweigher. The controller is integrated counts and quantity accumulation, over-under checking, sorting, rejecting with 128x64 dot-matrix OLED GUI. It's easy to operate and viewing statistic information with graphic menu tree.
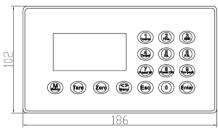
Features:
✧ Store 10 groups of checking target
✧ Over 300Hz AD conversion
✧ Support English/Chinese display or print
✧ Counting the OK, OVER and UNDER results
✧ Multiple information pages
✧ Over-under checking and rejecting
✧ 5-level sorting control
✧ 10 DI/12 DO without PLC involved
✧ MODBUS RTU protocol via RS485 interface
✧ Support label printing via RS232
✧ Touch screen version is available (seperated)

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Specification:

Enclosure	Panel Mount. Front plate: SS304, IP65. Case: Anodized Aluminum
Work Mode	OPTO MODE: Dual-opto/ Single-opto No opto; WORK MODE: Checking/ Sorting

Signal Range	-20mV~+20mV	Increments	$1,2,5 \times 10^n$ (n= -4 ~1)	
Max. Sensitivity	>0.2uV/d	Max. Resolution	1/100,000	
FS Drift	3ppm/°C	Linearity	0.0005%FS	
AD Refresh Rate	>300Hz	Cells Load	Four (4) 350 ohm load cells	

Display	128x64 Yellow-Green OLED display
Keypad	16 Flat switch membrane with tactile-feel keys; polyester overlay
Discrete I/O	10 Inputs; 12 Outputs(24VDC @500mA with over-load protection)
USART	COM1: RS232；COM2: RS485
Serial Protocol	MODBUS-RTU, Print, Continuous Output
Option	A001: 4~20mA/0~10V; P001: PROFIBUS DP
Power Supply	100~240VAC，50/60Hz, <100mA(@100VAC)
Operating Temperature	−10°C ~ +40°C，Relative humidity:10%~90%，non-condensing

Dimensions(mm): 186×102×154   Cutout: 162×78

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