

ID551

Weighing Controller



ID551 is an industrial weighing process controller, high accuracy, typical for weighing, batching, filling.

Features:

- * 200Hz ADC speed
- * 100,000 display division and 6000e (approved)
- * Standard: RS232/485 Port
- * Standard with 8 IN / 8 Output(OC)
- * 6-bit red 0.28" LED display and 10 status lights.
- * Standard: Report Weight via MODBUS-RTU
- * 5-step filter, high anti-vibration
- * Target Control Basic PAC
- * Checking Weight PAC
- * DIN Rail Housing

Applications:

- * Target control application
- * Checking weight application
- * Tension testing
- * Bagging machine

Specifications and Parameters	
Accuracy	
Accuracy Class	III
Approval	100,000 Display Division, CMC 6000e
Display & Keypad	
Display	6 bits 7-segment red LED display, 0.28" high
Update Speed	250ms
Status Display	Gross, Net, Motion, Center of Zero
Key	4 function keys(Tare, Clear, Zero, Print)
ADC	
Type	24-bit
Speed	200 Hz
Resolution	0.06uV/d
Resolution Approved	1uV/vsi (legal for trade)
Input	0.1mV to 19Mv
Accuracy	100,000d
Linearity and Stability	
In-linearity & TC	≤0.0015% FS; ≤5ppm/°C
Exciting Voltage	5V DC, max 150mA
Load Cell Number	Max 4 x 350Ω
Connect Type	4-wired or 6-wired, Cable:274mR/m2
Scale Basic Functionality	
Calibration	2-point with testing weight
Filter	5-step
Scale Process	Tare, Zero, Auto Zero, Motion
Inputs	Option 8 Inputs, Can be assigned remote inputs for remote host(PLC or DCS)
Outputs	Option 8 Outputs, Can be assigned remote outputs for remote host(PLC or DCS)
Target Control	
OVER/UNDER/OK	None
Zero Tolerance	Support
Target Control	Sequence Control(with Start & Abort command)
Checking Weigh	Eye-In trigger checking & Weight trigger checking
Communication I/F	
Serial Port	1 ports: RS232/485
Continuous Output	10ms~20ms, (100~50 Hz)
MODBUS-RTU	Support, Integer & Floating data format
Analog Output	None
Housing	DIN Rail
Power Supply	24VDC
Working Condition	
Temperature	-10°C~40°C, 95% RH
Power Supply	24VDC, 6W

Atrontec Electronic Tech Co.,Ltd
 Web: www.atronteccales.com
 Mob.: 86-13921018341
 Email: info@atronteccales.com

ID551 Industrial Weighing Process Controller
High Accuracy, High Anti-vibration, Extensive Applications