

EM211

Weighing Indicator and controller (Packaging solution)

The packaging EM211 is for packaging applications developed from standard EM211. Intelligent self-learning mode enable it to adapt the condition changes in the field packaging, to ensure adjusting the weighing system to accurate state quickly. It can be widely used in production of food and pharmacy industries, feeding, canning and other industries.



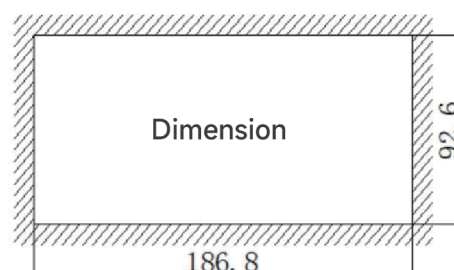
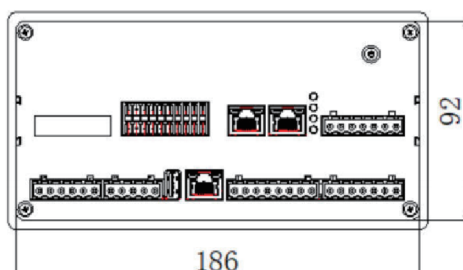
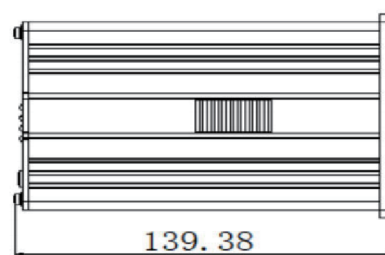
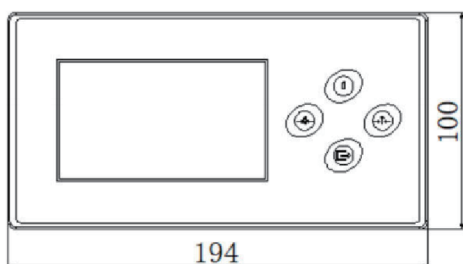
Key features

- Support material level control function.
- Support cumulative display and printing functions.
- Setpoints with photoelectric isolation for instant corresponding controlling.
- Support 2-speed and 3-speed control, improve the packaging speed.
- Multiple communication interface



Dimensions

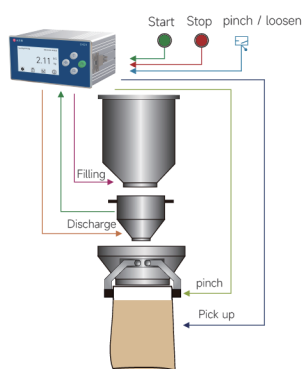
Unit: mm



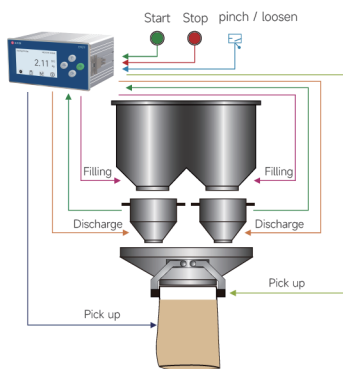
Specifications

Product model	EM211
AC/DC Power	100~240VAC
Operation temperature	-20 ~ +60
Display screen	4.3 "TFT full color screen
Number of verification scale intervals (e)	6000
Number of scale intervals for indicator (d)	100000
Number of sensors	Up to 4 350Ω load cells (2 or 3mV/V)
A/D sampling rate	1000Hz
Load cell Excitation	5VDC
Minimum input sensitivity	0.5 μV/e
Accuracy class	III
KeyPad	4 key control
Communication protocol	Command output, continuous output, Modbus RTU, Modbus TCP
Calibration method	Weight calibration; Weight-free calibration; Remote calibration
Working mode	PLC mode, hopper mode, no hopper mode, bulk grain mode
Level function	Support material level control function
Feed speeds	Single speed setting, 2-speed setting, 3-speed setting
Totalising	Supports the total weight and number of packets
Formula	5 kinds of recipe storage
The input setpoint is optional	None, start/stop, gate ready, high cut level, low cut level, in-service scale ready, out-of-tolerance accepted, bag pinch/loose bag, scram
The output setpoint is optional	None, coarse feeding, medium feeding, fine feeding, cut-off valve output, zero output, out of tolerance alarm, cumulative number of packets, beating/vibration/pier bag, pinch bag, discharge.

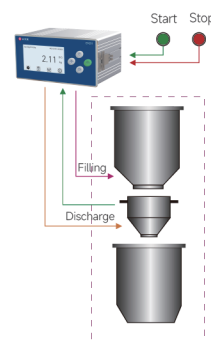
Application scenario



Single-scale packaging



Dual-scale packaging



Bulk Weighing