M60
Weighing Controller

An industrial weighing process indicator in EMC design with high anti-interference capability.

ABOUT PRODUCT

M60 is a rail type weighing controller, industrial weighing process indicator.

Has high accuracy, weight / force measuring, tensile and breakout test, automatic weighing control etc. options.

Adjustable digital and analog outputs.

Has suitable for industrial environment, high anti-noise EMC design.

Response to your expectations with 32-bit ARM CPU, 48 MHz clock and high arithmetic speed.
6 + 6 red LED display, 24-bit high sensitivty Δ-Σ A/D max. sampling frequency 3200Hz.
Con connect to IPC / PLC and external displays with RS232, optional RS485 and CANBUS communication ports.

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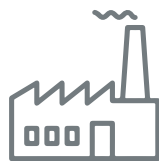
APPLICATION AREAS

Agriculte and Livestock

Textile

Chemistry - Petrochemistry

Machinery and Industry

TECHNICAL SPECIFICATIONS

Accuracy Class	1/30000
Display	6+6 Red LED
Status Displays	3 pcs State LEDs
Keypad	4 Function Keys
ADC	Δ-Σ Delta-Sigma 24 bits
A/D Convertion Speed	3200Hz, 1600Hz, 800Hz, 400Hz, 200Hz, 5Hz.
Resolution	1/1,000,000 Internal Count
Load Cell Input	0~12.5mV
In-Linearity & TC	0.005% of Maximum Capacity
Excitation Voltage	5V DC Max 150mA:
Load Cell Count	Max 8 x 350Ω
Connection Type	4 or 6 Wires
Calibration	10- Point Load or without Reference Dead Load (mV/V Calibration)
Filter	9 Step Digital
Inputs	3 Input, Normally Open Switch Digital
Outputs	3 Output, Normally Open Transistor
Serial Ports	COM1-RS232, COM2-RS485, COM3-CanBus / MODBUS[ASCII/RTU]
Analog Output	1 0-20mA, Non-linearity: 0.05%FS, 1 VO: 0-10V, Non-linearity: 0.05%FS.
Housing	DIN Rail, Sizes : 71.5×113×57.9mm [W×H×D]
Weight	About 197g
Power Supply	DC12~24V. 3W