

Load Cell Central

1-800-LOADCEL

UMC222 Digital Weight Indicator



Measurement
Canada
Approved

Combining durability, performance and affordability, the UMC222 includes more features than most weight indicators in its class. From bench and floor scales to vehicle scales, the UMC222 weight indicator is the ideal solution for light to heavy industrial applications.

The UMC222 incorporates easy-to-use front panel calibration and configuration, simplifying installation and setup. It's housed in a NEMA 4X stainless steel enclosure for maximum protection in harsh environments, and offers digital filtering for accurate weighments in areas where vibration is a factor. Assisting in data management, the UMC222 provides a 10-digit accumulator for calculating total weight, time and date, and sequential ticket numbering. Its new multi-range VDC adapter and power conditioning is ideal for onboard weighing applications, such as forklift truck scales. It also offers a counting mode, and optional battery power for portable applications.

Applications

- Bench, tank, floor, railroad track, truck and forklift truck scales

Standard Features

- Easy to use front panel configuration
- Adjustable high-performance digital filter
- Smart Serial™ ticket formatting
- Adjustable digital filter for low frequency vibration
- NEMA 4X stainless steel enclosure
- Time and date
- 10-digit accumulator
- Supports 4- and 6-wire connections
- Count mode
- One digital input
- 5-point linearization

Options/Accessories

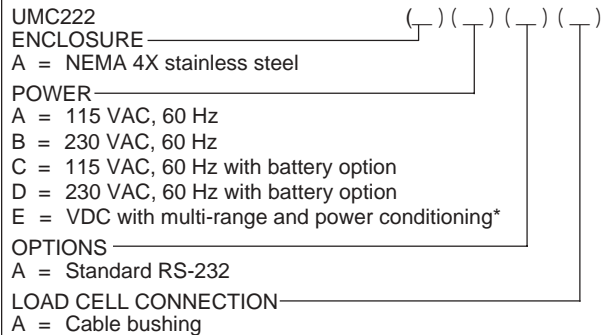
Serial expander assembly (RS-485, RS-422, 20 mA loop) (not available on VDC model)

Panel mount bracket

Battery option

Additional operating manual

UMC222 PART NUMBERING GUIDE



PART # DESCRIPTION

- UMC222AAAA, NEMA 4X stainless steel enclosure, 115 VAC 60 Hz, standard RS-232, cable bushing
- UMC222ABAA, NEMA 4X stainless steel enclosure, 230 VAC 60 Hz, standard RS-232 w/time and date, cable bushing
- UMC222AEAA, NEMA 4X stainless steel enclosure, VDC with multi-range and power conditioning*, standard RS-232 w/time and date, cable bushing

* Engineered to operate at 12, 24, 36 or 48 VDC. Simply choose indicator voltage by jumper selection.

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Specifications

LOAD CELL EXCITATION:

5 VDC, 4 x 350. or 8 x 700. load cells

ANALOG INPUT SIGNAL RANGE:

0.1 mV/V to 4.5 mV/V

ANALOG INPUT SENSITIVITY:

0.3 uV/graduation

CONVERSION RATE:

15 updates/second

RESOLUTION:

10,000 displayed graduations NTEP
80,000 graduations maximum

DISPLAY GRADUATIONS:

0.8" (20.32mm) 6-digit, 7-segment Light Emitting Diode (LED)

REMOTE INPUT:

ZERO, TARE, PRINT

SERIAL COMMUNICATION:

Port 1: full duplex RS-232

Port 2: simplex RS-232

Baud rate: 600 baud to 19,200 baud

POWER INPUT:

115/230 VAC, 50/60 Hz, 5W, VDC multi-range

RATING/MATERIAL:

NEMA 4X stainless steel

OPERATING TEMPERATURE:

14 °F to 104 °F (-10°C to 40°C)

OVERALL DIMENSIONS:

8.75" L x 5.25" H x 3.5" W (222mm L x 133mm H x 88mm W)

WEIGHT:

5 lb (2.3 kg)

APPROVALS:

NTEP certified, CC#00-095;
Measurement Canada Approved, AM-5302 AMD 1

WARRANTY:

One year limited warranty