

# Instrumentation/Process Control

## CONDEC™ UMC222

Digital Weight Indicator



### 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
- Ten digit accumulator
- Supports 4-and 6-wire connections
- Count mode
- One digital input
- Five point linearization

### APPROVALS



### SPECIFICATIONS

#### EXCITATION VOLTAGE:

5VDC, 4 x 350Ω or 8 x 700Ω load cells

#### ANALOG SIGNAL INPUT RANGE:

0.1 mV/V - 4.5 mV/V

#### ANALOG SIGNAL SENSITIVITY:

0.3 uV/graduation

#### CONVERSION RATE AT FULL SCALE:

15 updates/second

#### RESOLUTION:

10,000 displayed graduations NTEP  
80,000 graduations maximum

#### DISPLAY:

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

#### SYSTEM LINEARITY:

Within 0.01% of FS

#### 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

#### KEYBOARD:

5-key membrane

#### STATUS ANNUNCIATORS:

Zero, motion, net, lb, kg, total

#### POWER INPUT:

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

#### RATING/MATERIAL:

NEMA 4 stainless steel

#### OPERATING TEMPERATURE:

14°F to 104°F (-10°C to 40°C)

#### OVERALL DIMENSIONS (L X H X W):

8.75in x 5.25in x 3.5in  
(222mm x 133mm x 88mm)

#### WEIGHT:

5 lb (2.3kg)

#### APPROVALS:

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

#### WARRANTY:

Two-year limited warranty