**DESCRIPTION**

The ZM155 FM approved indicator is the perfect fit for all applications from simple weighing or filling to advanced applications that utilize one of the ZM200, ZM300, ZM4/5/6 Indicators in the safe area to manage data and display user information.

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>GENERAL</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Applications</td>
<td>General weighing, safe area interface, and other applications upon request</td>
</tr>
<tr>
<td>Calibration</td>
<td>2-4 point</td>
</tr>
<tr>
<td>Units of Measure</td>
<td>lb, kg, configurable (g, oz, ton)</td>
</tr>
<tr>
<td>Capacity Selection</td>
<td>1 to 9,999,999</td>
</tr>
<tr>
<td>Configurable Settings</td>
<td>AZT, motion and zero range</td>
</tr>
<tr>
<td>Internal Resolution</td>
<td>Four million counts max. (internal)</td>
</tr>
<tr>
<td>Digital Filtering</td>
<td>Ambient and application filter</td>
</tr>
</tbody>
</table>
USER INTERFACE

Keypad: 28 chemical resistant polyester

Operational Keys:
- On/Off
- Clear Function
- Reference
- OK
- Toggle
- Info
- Scale Select
- Zero
- Tare
- Function
- ISO-Test
- Print
- 0-9
- Decimal
- ID
- x10 Expanded Resolution
- B/G Net

Status Annunciators:
- Bar Graph
- Print
- Scale Range
- WP 1 or 2
- B/G Net
- Battery Status
- Units
- MEM
- Auto/OPT
- Center Zero
- Application Specific

Display: 20 mm LCD, 14 segment, 7 digit, plus status symbols, back lit

PHYSICAL

Operating Temperature: Compliance with legal-for-trade requirements
- 14° to 104° F / -10° to 40° C
- Up to 85% relative humidity, non-condensing

Enclosure: 304 brushed stainless steel IP69K, NEMA type 4X

Weight: 5.0 lb / 2.3 kg

Dimensions: See drawings

INPUT/OUTPUT

Communications:
- Comm 1: RS232, RS422, RS485 standard
- Comm 2: Optional unicom - RS232, RS422, RS485

Circuitry Protection: RFI, EMI, and ESD protection

ELECTRICAL

Power Requirements: Via external power supply or battery

Excitation: 2.5 VDC

Analog Signal Input Range: 0 mV to 7.5 mV

Analog Signal Sensitivity:
- 0.2 μV/divisions recommended
- 0.02 μV/divisions minimum for non-legal

OPTIONS

ZM155-PSU-H: Hazardous area AC PSU, 100-240 VAC, 60 Hz

ZM155-PSU-S: Safe area AC PSU, 100-240 VAC, 60 Hz

ZM155-BAT: Battery Pack

ZM155 Charger: Battery charger

ZM155-COM: Communications barrier box

Wall Mount Kit: Dust Cover

INGRESS PROTECTION

ZM155: IP69K

ZM155-PSU-H: IP65

ZM155-PSU-S: IP40

ZM155-BAT: IP65 (IP23 when charging port is open)

ZM155-COM: IP40

APPROVALS

Agencies:
- NTEP - Pending
- Factory Mutual

ZM155 Indicator:
- Hazardous (Classified) Location
  - Class I, II, III, Division 1, Groups A, B, C, D, E, F, G
  - Class I, Zone 1, Groups IA, IIB, IIC
  - Zone 21

ZM155-PSU-H:
- Hazardous (Classified) Location
  - Class I, II, III, Division 1, Groups A, B, C, D, E, F, G

ZM155-BAT:
- Hazardous (Classified) Location
  - Class I, II, III, Division 2, Groups A, B, C, D, F, G, T4
  - Class I, Zone 1, Group IIC
  - Class II, Zone 20

Note: With reference to the ZM155-BAT, distributing or selling this product in California could subject you to fines or other penalties.