CDIT-4-WMOUNT Vessel Weighing Assembly

**Description**

The CDIT-4-WMOUNT is a complete weighing assembly for use with the CDIT-4 range of load cells (see separate data sheet). The weighing assembly facilitates easy mounting for the engineer on site, and incorporates a number of key features that allows the best installed accuracy to be achieved. These include an anti-lift off mechanism, compensation for thermal expansion and for off-axis loading.

Designed for use in food and pharmaceutical applications, the electro-polished, all stainless steel construction and hygienic design is ideally suited for CIP (Clean-in-Place) and SIP (Sterilisation-in-Place) environments.

The weigh module provides system integrators with a uniform, compact and economical solution across a wide range of load cell capacities - from 500kg to 30te.

When supplied complete with the CDIT-4 load cell and instrumentation (display/amplifier), they form part of a complete vessel weighing solution.

**Features**

- Capacities from 500kg to 30te
- Low profile design
- Plated alloy steel construction
- Simplifies installation
- Ensures best installation accuracy is achieved
- Especially designed for hopper and tank weighing
- Incorporates a safety retainer to prevent accidental vessel lifting

**Typical Applications**

- Vessel weighing
- Silo weighing
- Process weighing & control
- Tank weighing

**Available Options**

- Welding fixture
- Stainless steel electro-polished version.

**Installation Examples**

- Circular system with three supporting points
- Square system with four supporting points
CDIT-4-WMOUNT Weighing Assembly

Dimensions

Mounting bolts are not included
Load carrier and foundation plate to be horizontal (within 0.8/100 for general applications)
External bumper stops are required
Gap approx 2-3mm

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<th>Rating</th>
<th>D1</th>
<th>D2</th>
<th>D3</th>
<th>H1</th>
<th>H2</th>
<th>H3</th>
<th>L2</th>
<th>L1</th>
<th>T1</th>
<th>Max lift off force (te)</th>
<th>Weight (kg)</th>
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<tbody>
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<td>130</td>
<td>13</td>
<td>80</td>
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Due to continual product development, LCM Systems Ltd reserves the right to alter product specifications without prior notice.