Flintec load cells are designed to meet the most stringent accuracy requirements.
ZLB load cells are available in the capacities 20 kg to 200 kg and include Accuracy Classifications GP, C1 and C3 according to OIML R 60.
They offer aluminium construction with industrial potting, making them suitable for use in tough industrial environments.
It allows very low profile platform design and offers advantages in all kinds of weighing applications.
The Flintec calibration technique (in mV/V/Ω) eliminates time consuming corner calibration in multiple load cell systems.

**Important Features**
- Capacities: 20 kg to 200 kg.
- High accuracy.
- Protection IP 67.
- Low profile.
- High input resistance: 1100 Ω.
- Calibration in mV/V/Ω.
### Dimensions

For Load Mount see Page 24.

- **Dimension**
  - **ØA**: 8.2
  - **ØB**: 8.2
  - **H**: 80

- **Holes**
  - **20 kg**: 4
  - **50...100 kg**: 9
  - **200 kg**: 18

- **Edge of Mounting Plate**: 80

### Notes:
- It is recommended to use mounting holes “Y”. If mounting holes “X” are used, a steel spacer (80 mm long) is required for 200 kg.
- Mounting bolts M8 8.8; torque: 25 Nm.

### Wiring
- The load cell is provided with a shielded, 4 conductor cable.
- Cable length: 3 m.
- Cable diameter: 5 mm.
- The shield is floating.
Material: Natural rubber with steel, zinc plated.

Load Mount for ZLB Load Cell

<table>
<thead>
<tr>
<th>Load</th>
<th>ØD x H</th>
<th>G</th>
<th>L</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 kg</td>
<td>30 x 15</td>
<td>M8</td>
<td>15</td>
</tr>
<tr>
<td>50 kg</td>
<td>30 x 15</td>
<td>M8</td>
<td>20</td>
</tr>
<tr>
<td>100 kg</td>
<td>30 x 15</td>
<td>M8</td>
<td>20</td>
</tr>
<tr>
<td>200 kg</td>
<td>30 x 15</td>
<td>M8</td>
<td>27</td>
</tr>
</tbody>
</table>