

# Small Telemetry Compressive Load Cell

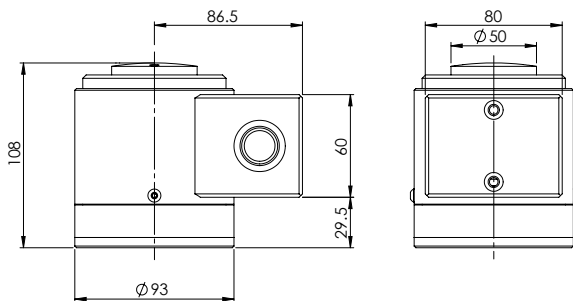
## TC-3.0-SM

DLM's Telemetry Compressive Load Cells can be used independently or in combination as part of weighing platforms.

They range from 10t to 50t and manufactured using high grade stainless steel, making these load cells particularly suited to rugged environments and the hire industry amongst others. Other sized compressives can be designed upon request. Some applications include: tank weighing, silo weighing, container weighing and certification.



### Dimensional Data



### Features:

- 2.4GHz licence free frequency
- Ability to transmit to unlimited handheld displays
- 800m wireless range
- Remote power on/off
- Sleep mode for battery conservation
- Use the TW-3.0 Handheld to totalise load readings from multiple compressive load cells

| Load Capacity (Tonnes) | Description | Part Number | Accuracy % FRO | Proof Load % Load Capacity | Weight (kg) | Resolution (kg) |
|------------------------|-------------|-------------|----------------|----------------------------|-------------|-----------------|
| 10                     | No Saddle   | 0001 - 1368 | <±0.5          | 150                        | 4.5         | 10              |
| 20                     | No Saddle   | 0001 - 1369 | <±0.5          | 150                        | 4.5         | 10              |
| 30                     | No Saddle   | 0001 - 1370 | <±0.5          | 150                        | 4.5         | 10              |
| 40                     | No Saddle   | 0001 - 1465 | <±0.5          | 150                        | 4.5         | 10              |
| 50                     | No Saddle   | 0001 - 1371 | <±0.5          | 150                        | 4.5         | 10              |

### Accessories Table

| Part Number | Description    |
|-------------|----------------|
| P0020-0727  | Tilting Saddle |
| P0020-0099  | Dome Saddle    |

### Specification

|                                     |  |
|-------------------------------------|--|
| <b>Battery:</b>                     | 2 x 1.25V NiCad or NiMH rechargeable   |
| <b>Battery Life:</b>                | 700 hours continuous (2 years non operational)   |
| <b>Charger:</b>                     | Supplied with USB charger  |
| <b>Operating Temperature:</b>       | -20°C to +60°C   |
| <b>Frequency:</b>                   | 2.4GHz   |
| <b>Range:</b>                       | Up to 800m line of sight   |
| <b>Loadcell Material</b>            | Stainless steel  |
| <b>Bridge Resistance:</b>           | 700Ω   |
| <b>Saddle Options:</b>              | Dome saddle / Tilting saddle   |
| <b>Operating Temperature range:</b> | -10°C to +60°C   |
| <b>Compatible With:</b>             | TW-3.0-T handheld display / Custom built display / Centre of gravity display                           |
| <b>Calibration:</b>                 | Supplied with calibration, proof load and test certificates to traceable to UKCA BS EN ISO 7500-1 2018 |
| <b>Packaging:</b>                   | Packaged in rugged storm / watertight peli case  |
| <b>Approvals:</b>                   | UKCA, CE, FCC and IC tested and compliant  |