

LOAD-MASTER

Load Monitoring • Force Measurement • Industrial Weighing

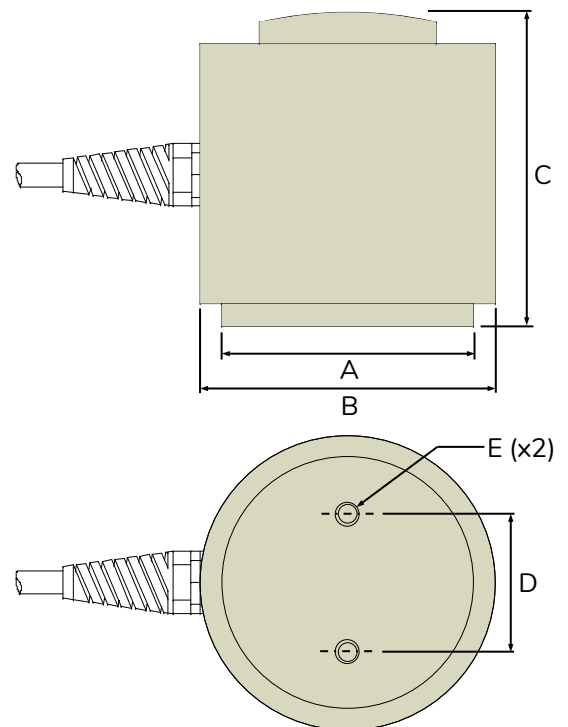
DTH1 Compression Load Cell



- Rated capacities from 2tonne to 100tonne
- Compact size and low weight
- High strength stainless steel load cell

A compact and low weight compression load cell for load measurement and weighing in all industrial processes. DTH1 offers a convenient and rugged solution to mount on hydraulic cylinders for monitoring press forces and jacking loads, proof testing structural members, or placing under machines to create simple weighing scales. With high resistance to impact and dynamic forces and a domed surface to ensure correct load transfer through the sensor body, measurement reliability is ensured in the most arduous industrial environments. Portable handset display includes 'tare' and 'peak reading' facility for weighing and force measurement uses.

| Capacity | Divisions | ØA | ØB | C | D | E |
|--------------|-----------|------|-----|-----------|----|-----|
| 2 | 0.001 | 32 | 40 | 38 | 22 | M4 |
| 5 | 0.002 | 40 | 50 | 50 | 26 | M4 |
| 10 | 0.005 | 50 | 63 | 62 | 30 | M6 |
| 25 | 0.01 | 63.5 | 75 | 80 | 35 | M6 |
| 50 | 0.02 | 88.5 | 100 | 110 | 45 | M8 |
| 100 | 0.05 | 100 | 112 | 140 | 55 | M10 |
| tonne | | | | mm | | |



| | |
|-----------------------|--------------------|
| Display Units | tonne |
| Battery life | 60 hours minimum |
| Cable Length | 3 metre |
| Maximum Error | 0.5 % applied load |
| Safety Factor | 3 x rated capacity |
| Operating Temperature | -10 to 60 °C |
| Environmental Sealing | IP65 |

Specifications subject to change. Full product details available on request.

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