

Double-Ended Beam Load Cell

FEATURES

- Capacities: 25k to 75k lbs
- Environmental protection: IP67 (DIN 40.050)
- Material: Stainless steel
- Certified by NTEP class III, 10000 divisions
- **Optional**
 - FM approved for use in potentially explosive atmospheres

APPLICATIONS

- Weighbridges
- Silos, tanks and hoppers

DESCRIPTION

The 9803 is a medium to high capacity double-ended beam type load cell, made of stainless steel.

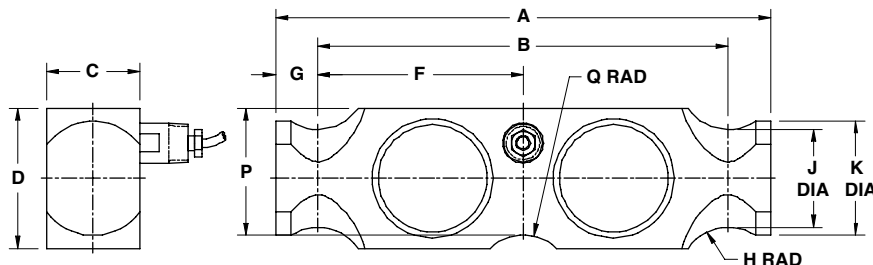
This product is designed for use in certified truck and rail scales and is available in capacities from 25k to 75k lbs.



A reliable sealing and mechanical protection of the strain gage area is ensured by the use of potting compound with a metal cover.

This load cell is rated intrinsically safe by the FM system, making it suitable for use in potentially explosive atmospheres.

OUTLINE DIMENSIONS in inches



Cable specifications

Cable length: 6m

Excitation + Red
 Excitation - Black
 Output + Green
 Output - White
 Shield Transparent

Cable screen is not connected to the load cell body.

| Capacity (lbs) | 25k, 50k, 65k, 75k |
|----------------|--------------------|
| A | 10.25 |
| B | 8.50 |
| C | 1.94 |
| D | 2.94 |
| F | 4.25 |
| G | 0.88 |
| H Rad | 1.00 |
| ØK | 2.40 |
| ØJ | 2.06 |
| P | 2.66 |
| Q Rad | 1.00 |

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