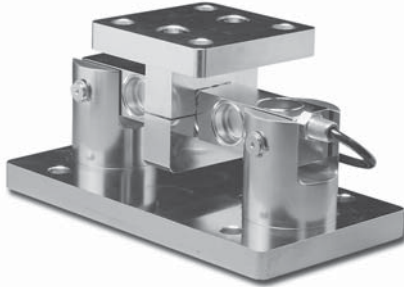


Sanimount Weigh Module



FEATURES

- Capacity ranges of 1000 to 25,000 pounds
- Stainless steel construction throughout
- All cavities sealed with FDA approved compounds
- Mounts directly to floor or structural support
- Employs Model 65016-0133W welded seal, stainless steel, double-ended shear beam load cell
- Integral conduit adaptor
- Shielded cable with tough teflon jacket
- Certified for Uniform Building Code Seismic Zones 1 thru 4
- *Sensorgage*™ sealed to IP67 standards
- Factory Mutual System Approved for Classes I, II, III; Divisions 1 and 2; Groups A through G. Also, non-incendive ratings (No barriers!)

DESCRIPTION

The 65086-TWA is a mid to high capacity stainless steel weighing assembly.

This product is the standard in tank and container weighing due to the Zone 4 earthquake rating. It has high side load rejection, and is able to withstand loads in all directions up to and exceeding its rated capacity without permanent damage or the threat of structural failure.

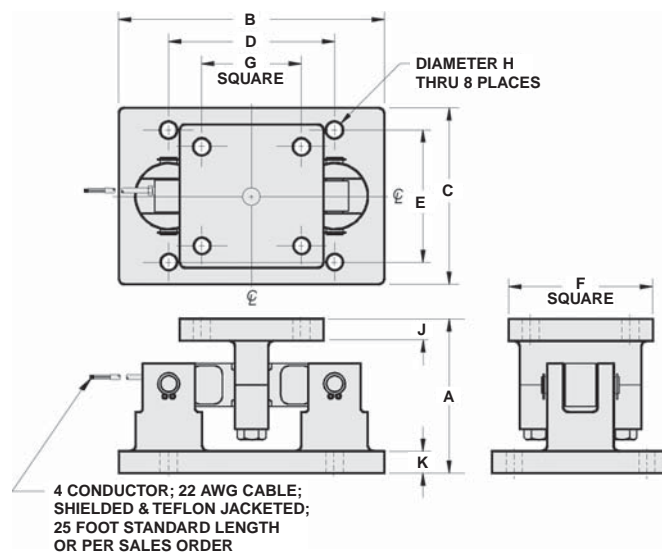
This weighing assembly is also designed to move in the direction of thermal expansion, guaranteeing accurate measurements regardless of conditions.

All stainless steel and IP68 rated sealing make this load cell specially suitable for extremely harsh environment applications as well as high pressure wash down. This load cell is rated intrinsically safe by the Factory Mutual (FM), making it suitable for use in potentially explosive environments.

APPLICATIONS

- "Sanitary" processing:
Food & beverage
Pharmaceutical and
biomedical
- Hostile environments
- Tank and reactor
weighing
- Batching, blending and
mixing systems
- Washdown environments

OUTLINE DIMENSIONS in inches



Wiring

| | |
|--------------|-------|
| + Excitation | Red |
| - Excitation | Black |
| + Output | Green |
| - Output | White |

| CAPACITY | A | B | C | D | E | F | G | H | J | K | WEIGHT |
|-----------|------|-------|------|------|------|------|------|------|------|------|--------|
| 1K - 5K | 4.63 | 9.38 | 5.00 | 6.25 | 3.75 | 4.00 | 2.75 | 0.56 | 0.58 | 0.58 | 22.0 |
| 10K - 25K | 6.75 | 12.00 | 8.00 | 7.50 | 6.00 | 8.00 | 6.00 | 0.78 | 0.96 | 0.70 | 72.0 |

Capacities are in pounds.

SPECIFICATIONS

| PARAMETER | VALUE | UNIT |
|-----------------------------------|-----------------------------------|----------------|
| Rated capacity-R.C. (E_{max}) | 1K, 1.5K, 2.5K, 5K, 10K, 15K, 25K | lbs |
| NTEP/OIML Accuracy class | Non-approved | |
| Maximum no. of intervals (n) | -- | |
| Rated output-R.O. | 3.0 | mV/V |
| Rated output tolerance | 25 | ±% mV/V |
| Zero balance | 1.0 | ±% FSO |
| Combined error | 0.03 | ±% FSO |
| Non-repeatability | 0.01 | ±% FSO |
| Creep error (20 minutes) | 0.03 | ±% FSO |
| Temperature effect on zero | 0.0015 | ±% FSO/°F |
| Temperature effect on output | 0.0008 | ±% of load/°F |
| Compensated temperature range | 14 to 104 (-10 to 40) | °F (°C) |
| Operating temperature range | 0 to 150 (-18 to 65) | °F (°C) |
| Storage temperature range | -60 to 185 (-50 to 85) | °F (°C) |
| Sideload rejection ratio | 500:1 | |
| Safe sideload | 100 | % of R.C. |
| Maximum safe central overload | 150 | % of R.C. |
| Ultimate central overload | 300 | % of R.C. |
| Excitation, recommended | 15 | Vdc or Vac rms |
| Excitation, maximum | 25 | Vdc or Vac rms |
| Input impedance | 686 - 714 | Ω |
| Output impedance | 699 - 707 | Ω |
| Insulation resistance at 50VDC | >1000 | MΩ |
| Material | Stainless steel | |
| Environmental protection | IP67 | |

FSO -Full Scale Output

Disclaimer

All product specifications and data are subject to change without notice.

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