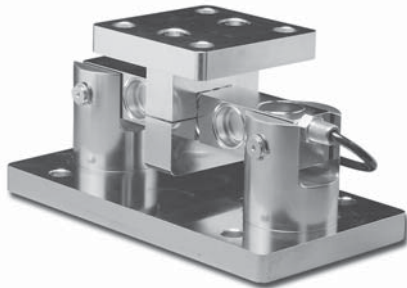


## Sanimount Weigh Module



### 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.

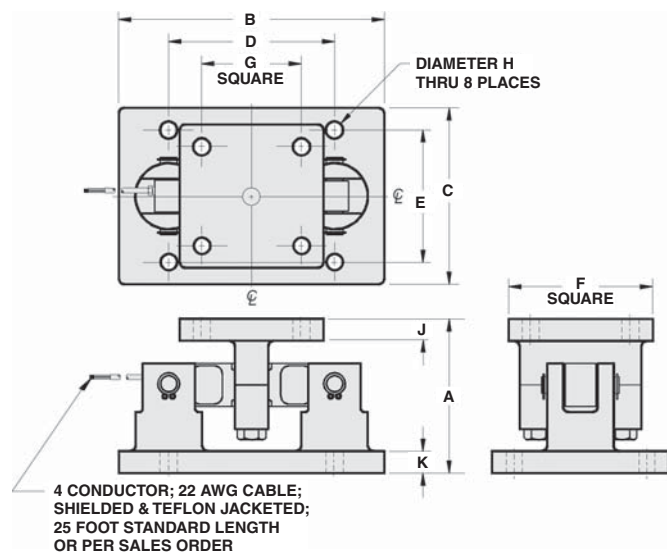
This weighing assembly is also designed to move in the direction of thermal expansion, guaranteeing accurate measurements regardless of conditions.

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	<b>Non-approved</b>	
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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