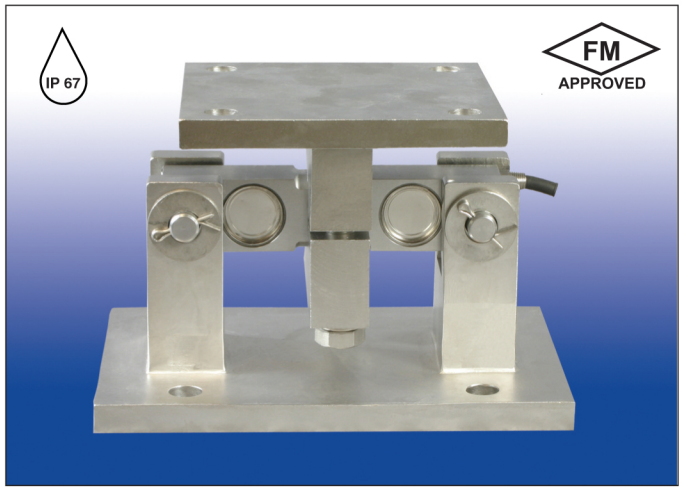
FAIRBANKS®

OMNICELL® 9104 FB SERIES WEIGHING ASSEMBLY



The 9104 FB is an excellent choice for tank, bin and hopper weighing applications. All models include a stainless steel load cell with hermetically sealed welded covers for superior environmental protection and years of reliable and accurate performance.

APPLICATIONS

- Blending tanks
- Mixing hoppers
- Storage bins
- Non-skirted silos
- Batching vessels
- Inventory monitoring

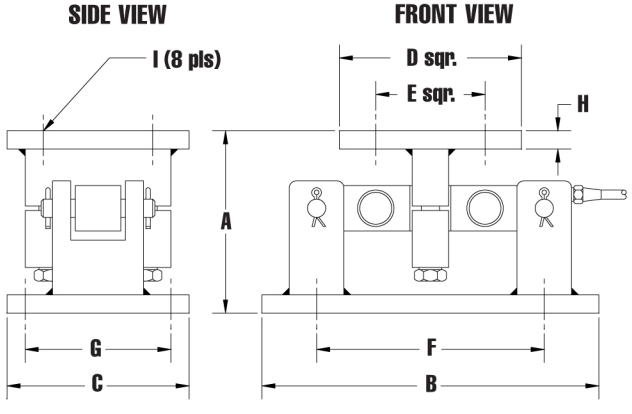
FEATURES

- Capacity range of 1000 to 35,000 lbs.
- 100% self-checking, uplift and sideload protection.
- Stainless steel load cells have hermetically-sealed gauging areas on all models.
- Fabricated mild steel or fabricated stainless steel mounting assemblies.
- 50 feet of Fairbanks' ArmourGuard cable (capacities 10K and up) for ultimate protection from harsh environment.
- Mounts directly to floor or other structural support.
- High load cell output is perfect for high dead-load and low live-load applications.

PERFORMANCE SPECIFICATIONS

Capacities	1000 to 35,000 lbs
Mount Construction	304 stainless steel: painted mild steel
Load cell:	
Full Scale Output (FS)	3.0mV/v ± 0.25%
Combined Error	≤ 0.05% FS
Non-Linearity	≤ 0.03% FS
Hysteresis	≤ 0.03% FS
Creep Error (20 min.)	≤ 0.03% FS
Compensated Temperature	14˚ F to 104˚ F (-10˚ C to 40˚ C)
Excitation Voltage	5-15 VDC
Overload	Safe = 150%; Ultimate = 300%
Sideload	Safe = 100%
Bridge Resistance	700 ohms nominal
Construction	Stainless Steel 17-4 PH
Cable	50 ft., polyurethane - capacities 10K and above come with ArmourGuard metal sheathing
Approval	Factory Mutual

CABLE COLOR CODE
GREEN=+EX BLACK=-EX WHITE=+SIG RED=-SIG



DIMENSIONS (in inches)

Capacity	A	B	C	D	E	F	G	H	I
1,000 lbs. to 5,000 lbs.	5.0	9.25	5.0	4.0	2.75	6.25	3.75	0.50	0.56
10,000 lbs. to 35,000 lbs.	7.9	12.0	8.0	8.0	6.0	7.5	6.0	0.75	0.8

QuickFacts™

Models and specifications subject to change without notice.
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AMERICAN SCALE CORPORATION
Louisville & Bowling Green, KY - Evansville, IN
800-928-5005
sales@american-scale.com
www.american-scale.com