

FAIRBANKS®

OMNICELL® 9101 FB SERIES WEIGHING ASSEMBLY



Fairbanks' Omnicell 9101 FB Series single-ended beam weighing assembly is a cost-effective choice for low capacity, indoor, commercial and non-commercial weighing applications.

APPLICATIONS

- Legal for Trade
- Tanks
- Blending
- Intrinsically Safe
- Low capacity
- Bins
- Mixing
- Conveyor / In-Motion
- Batching
- Hoppers

FEATURES

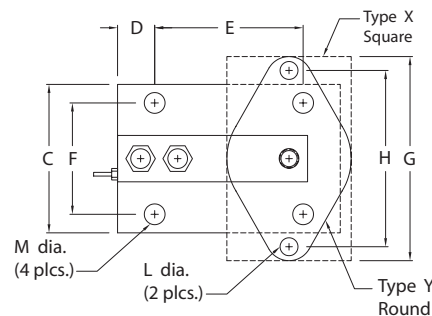
- Low profile design
- Low-to-medium weight range Omnicells — 100 to 2,500 lb capacity models.
- Stainless steel mounting hardware.
- Stainless steel load cell — 100 to 250 lb capacity models.
- Tool steel load cell — 500 to 2,500 lb capacity models.
- Environmentally protected load cells.
- Neoprene isolation/compression mount provides for shock absorbsion, thermal expansion and contraction and compensates for minor misalignment.
- Custom capacities and cable lengths available.

DIMENSIONS (in inches)

Capacity	TYPE	A	B	C	D	E	F	G	H	I	J	K	L	M
100 lbs to 250 lbs	Y	4.00	3.13	3.00	0.37	3.25	2.25	3.88	3.00	0.50	0.22	2.38	0.38	0.34
500 lbs	Y	6.00	3.88	4.00	1.00	4.00	3.00	5.50	4.13	0.50	0.25	3.38	0.56	0.56
1,000 lbs	X	6.00	4.00	4.00	1.00	4.00	3.00	5.13	4.13	0.50	0.13	3.00	0.56	0.56
2,500 lbs	X	6.00	4.00	4.00	1.00	4.00	3.00	6.25	5.00	0.50	0.38	4.62	0.56	0.56

PERFORMANCE SPECIFICATIONS

Capacities	100 to 2,500 lbs.
Mount Construction	Stainless steel
Load cell:	
Full Scale Output (FS)	3.0mV/v $\pm$ 0.25%
Combined Error	$\leq$ 0.03% FS
Non-Linearity	$\leq$ 0.03% FS
Hysteresis	$\leq$ 0.02% FS
Creep Error (20 min.)	$\leq$ 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%
Rejection ratio	500:1
Bridge Resistance	350 ohms nominal
Construction	Alloy tool steel, Stainless steel 17-4 PH
Sealing	IP67
Cable	20 ft., polyurethane
Approvals	NTEP CC# 12-028 and Factory Mutual on capacities 500 lbs. and greater



CABLE CODE

100 - 250 LB

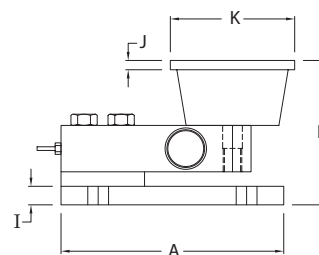
RED=+EX

BLACK=-EX

GREEN=+SIG

WHITE=-SIG

The style of the isolation mount changes with the capacity.



CABLE CODE

500 LB - 2500 LB

GREEN=+EX

BLACK=-EX

WHITE=+SIG

RED=-SIG

QuickFacts™

Models and specifications subject to change without notice.
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Call toll-free for the Fairbanks representative nearest you:

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