

BEAM LOAD CELL

GB745 General Sensor



General Sensor
GB745

Hermetically Sealed Stainless Steel Beam Load Cells

- ✓ *Washdown safe.*
- ✓ *Low profile design.*
- ✓ *Hermetically sealed.*
- ✓ *Capacities from 500 lbs to 10K lbs.*
- ✓ *Stainless steel construction.*
- ✓ *Interchangeable with Toledo for 745 mount beam cells.*

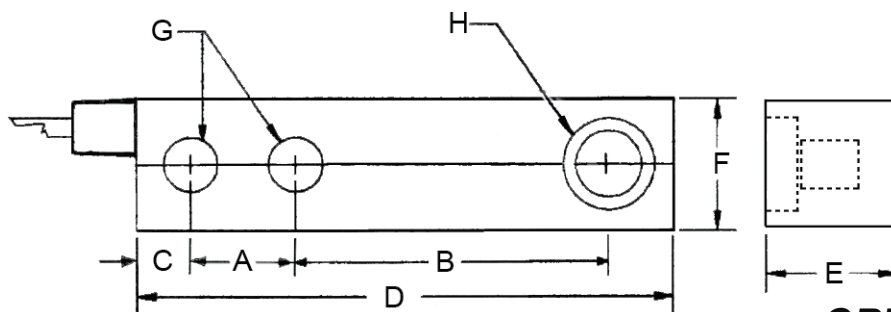


Totalcomp[®] Scales & Components

99 Reagent Lane • Fair Lawn, New Jersey 07410

Fax: 201-797-2287 • Toll Free Fax: 888-797-2288 • Phone: 201-797-2718 • Toll Free Phone: 800-631-0347

Email: sales@totalcomp.com • Website: www.totalcomp.com



GB745

GB745 BEAM LOAD CELL

The GB745 series beam load cells are interchangeable with Toledo beam load cells for 745 mount. They are built to meet or exceed all manufacturers specs for this type of cell. They are constructed from Stainless Steel for washability and protection from harsh environments. Hermetically sealed stainless steel cell that is interchangeable with Toledo beam load cells for 745 mount. 2 mv/v, 0.02% nonlinearity, 350/350 ohm, 4 cond cable length below, stainless steel, IP67.

Part Number	Capacity	Weight	A	B	C	D	E	F	G	H
GB745-500-SS	500 lb	3 lb	1.00	3.00	0.62	5.18	1.10	1.19	0.515	.950
GB745-1K-SS	1,000 lb	3 lb	1.00	3.00	0.62	5.18	1.10	1.19	0.515	.950
GB745-1.25K-SS	1,250 lb	3 lb	1.00	3.00	0.62	5.18	1.10	1.19	0.515	.950
GB745-2.5K-SS	2,500 lb	3 lb	1.00	3.00	0.62	5.18	1.10	1.19	0.515	.950
GB745-4K-SS	4,000 lb	3 lb	1.00	3.00	0.62	5.18	1.10	1.19	0.515	.950
GB745-5K-SS	5,000 lb	4 lb	1.50	3.75	0.62	6.65	1.63	1.45	0.780	1.37
GB745-10K-SS	10,000 lb	6 lb	1.50	3.75	0.62	6.75	1.63	1.65	0.75	1.37

Performance

Full Scale Output
2.00 mV/V

Combined Error
±0.03% FS

Nonlinearity
±0.03% FS

Hysteresis
±0.03%

Creep
±0.03% FS in 1 hour

Non-Repeatability
±0.01% FS

Zero Balance
±1.0% FS

Overload Safe

150% FS

Overload Ultimate

300% FS

Electrical

Bridge Resistance

Input 390 ohms

Output 350 ohms

Excitation Voltage

5 VDC (15VDC Max)

Insulation Resistance

5KMohms@50VDC

Temperature

Compensated Range

-10°C to +40°C

Temperature Operating Range

-40°C to +80°C

Effect on Zero Balance

0.0013% FS/deg F

Effect on FS Output

0.0007% FS/deg F

Mechanical

Material

Stainless Steel

Finish

Aluminum Oxide

Sealing

IP67

Wiring

Cable Length & Type

4 conductor

500 lb - 15 ft

1k - 20 ft

1.25 k - 10 k - 15 ft

2.25 k-30 - 30 ft

Cable Color Code

+ Excitation.....Green

- Excitation.....Black

+ Output.....White

- Output.....Red

Shield.....Yellow

TOTALCOMP LIMITED WARRANTY

Totalcomp warrants this product to be free of defects in materials and/or workmanship and suitable for the purpose(s) intended as outlined on this sheet. This warranty is effective and shall cover the purchaser for one year from the date of shipment from our plant. If this product is found to be defective by our inspection in accordance with the above listed criteria, we will replace or repair it at our expense. For warranty service, please obtain a return authorization number from us and return the item, shipping prepaid, with a written description of the problem. We will respond promptly with the results of our evaluation.



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