

GSNIC

S-TYPE LOAD CELL



GSNIC Load Cell Series is Constructed from Nickel Plated Steel.

- ✓ Capacities range from 50 to 5k lbs.
- ✓ Environmentally Sealed.
- ✓ NTEP approved up to 1.5k.
- ✓ Rugged durable, nickel plated construction.
- ✓ Includes 20ft., 4 conductor, shielded cable.

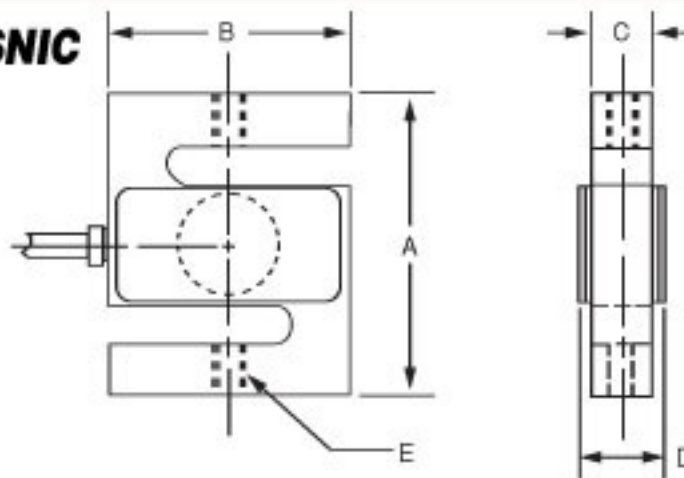


Totalcomp[®] Scales & Components

13-01 Pollitt Drive • 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

Model GSNIC



GSNIC 'S' TYPE LOAD CELLS

The General Sensor GSNIC 'S' type load cells are economical tension load cells which are intended for commercial use and also industrial process control. NTEP 97-022 III, 3,000 div and IIII, 10,000 div (100 lb to 1,500 lb).

Part Number	Capacity	Weight	A	B	C	D	E
GS-50	50 lb	2 lb	2.50	2.00	0.50	0.75	1/4-28 UNF
GS-100	100 lb	2 lb	2.50	2.00	0.50	0.75	1/4-28 UNF
GS-200	200 lb	2 lb	2.50	2.00	0.50	0.75	1/4-28 UNF
GS-300	300 lb	2 lb	3.00	2.00	0.50	0.75	3/8-24 UNF
GS-500	500 lb	2 lb	3.00	2.00	0.75	1.00	1/2-20 UNF
GS-750	750 lb	2 lb	3.00	2.00	0.75	1.00	1/2-20 UNF
GS-1K	1,000 lb	2 lb	3.00	2.00	0.75	1.00	1/2-20 UNF
GS-1.5K	1,500 lb	2 lb	3.00	2.00	0.75	1.00	1/2-20 UNF
GS-2K*	2,000 lb	3 lb	3.00	2.00	0.75	1.00	1/2-20 UNF
GS-3K*	3,000 lb	3 lb	3.00	2.00	0.75	1.00	1/2-20 UNF
GS-5K*	5,000 lb	3 lb	4.25	2.25	0.75	1.00	3/4-18 UNF

* NOT NTEP

Performance

Full Scale Output
3.00 mV/V
Combined Error
 $\pm 0.03\%$ FS
Nonlinearity
 $\pm 0.02\%$ FS
Hysteresis
 $\pm 0.02\%$
Creep
 $\pm 0.03\%$ FS in 60 min
Non-Repeatability
 $\pm 0.01\%$ FS
Zero Balance
 $\pm 2.0\%$ FS

Overload, Safe

150% FS
Overload, Ultimate
300% FS

Electrical

Bridge Resistance
Input 385 ohms
Output 350 ohms
Excitation Voltage
10VDC (15VDC Max)
Insulation Resistance
10KMohms @ 50VDC

Temperature

Compensated Range
-10°C to +40°C
Temperature Operating Range
-10°C to +40°C
Effect on Zero Balance
0.0010% FS/deg C
Effect on FS Output
0.0006% FS/deg C

Mechanical

Material
Tool Steel
Finish
Electroless Nickel Plate
Sealing
IP67

Wiring

Cable Length & Type
20 feet, 4 conductor
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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