

S-TYPE LOAD CELL

NIKKEI NS



**High Performance Load Cells for use
in Tank Weighing, Scale
Conversions, and In-Line Force
Measurement Applications.**

- ✓ **Capacities range from 25 to 40k lbs.**
- ✓ **Environmentally sealed, rugged steel construction.**
- ✓ **Includes 20ft., 4 conductor, shielded cable.**
- ✓ **NTEP Certified.**



Totalcomp[®] Scales & Components

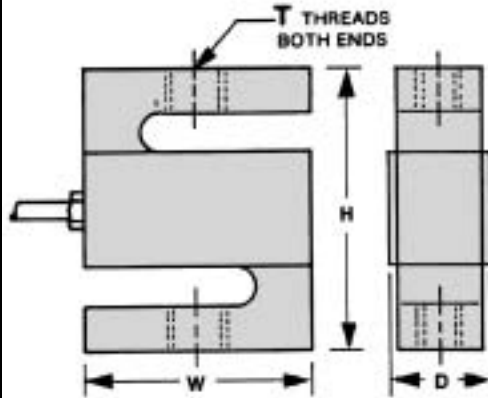
13-01 Pollitt Drive • Fair Lawn, New Jersey 07410

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

SPECIFICATIONS

NIKKEI NS

**S Type
Load Cell**



Safe Overload:

150% of rated capacity

Rated Output:

3mV/V.

Nonlinearity:

.03% FSO

Hysteresis:

.02% FSO

Non-Repeatability:

.01% FSO

Rated Excitation:

10V AC-DC (15V maximum).

Zero Balance:

±1.0% Full Scale

Bridge Resistance:

350 ohms IN

350 ohms OUT

Temperature Safe Range:

0 to +175°F

Compensated Range:

+15 to +150°F

Temperature Effect Zero:

0.0006% FSO/°F

Temperature Effect on Rated

Output:

0.0008% FSO/°F

Element Material/Finish:

Nickel Plated or Stainless Steel

Cable Length & Type:

20 foot, 4 conductor,
shielded cable.

Cable Color Code:

Red+ Excitation
Black.....- Excitation
Green+ Signal
White.....- Signal
Bare.....Shield

SPECIFICATIONS

PART. NO.

Capacity	H	W	D	'T'-Thread	Nickel Plated	Stainless Steel
25	2.50	2.00	.75	1/4 -28 UNF-2B	NS-25	NS-25-SS
50	2.50	2.00	.75	1/4 -28 UNF-2B	NS-50	NS-50-SS
75	2.50	2.00	.75	1/4 -28 UNF-2B	NS-75	NS-75-SS
100	2.50	2.00	.75	1/4 -28 UNF-2B	NS-100	NS-100-SS
150	2.50	2.00	.75	1/4 -28 UNF-2B	NS-150	NS-150-SS
200	2.50	2.00	.75	1/4 -28 UNF-2B	NS-200	NS-200-SS
250	2.50	2.00	.75	1/4 -28 UNF-2B	NS-250	NS-250-SS
300	2.50	2.00	.75	1/4 -28 UNF-2B	NS-300	NS-300-SS
500	2.50	2.00	1.00	1/2 -20 UNF-2B	NS-500	NS-500-SS
750	2.50	2.00	1.00	1/2 -20 UNF-2B	TS750	NS-750-SS
1,000	2.50	2.00	1.00	1/2 -20 UNF-2B	NS-1K	NS-1K-SS
1,500	2.50	2.00	1.00	1/2 -20 UNF-2B	NS-1.5K	NS-1.5K-SS
2,000	2.50	2.00	1.00	1/2 -20 UNF-2B	NS-2K	NS-2K-SS
2,500	2.50	2.00	1.00	1/2 -20 UNF-2B	NS-2.5K	NS-2.5K-SS
3,000	4.00	3.00	1.25	1/2 -20 UNF-2B	NS-3K	NS-3K-SS
5,000	4.00	3.00	1.25	3/4 -16 UNF-2B	NS-5K	NS-5K-SS
10,000	4.00	3.00	1.25	3/4 -16 UNF-2B	NS-10K	NS-5K-SS
15,000	5.50	3.50	1.50	1 -14 UNF	NS-15K	NS-15K-SS
20,000	7.00	4.50	2.00	1-1/4 -12 UNF	NS-20K	NS-20K-SS
30/40,000	10.00	5.75	2.75	1-1/4 -12 UNF	NS-30K/40K	N/A

TOTALCOMP LIMITED WARRANTY

Totalcomp warrants these products 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.



Totalcomp®

Scales & Components

**13-01 Pollitt Drive
Fair Lawn, NJ 07410**

Fax (201) 797-2287

Toll Free Fax (888) 797-2288

Phone (201) 797-2718

Toll Free Phone (800) 631-0347