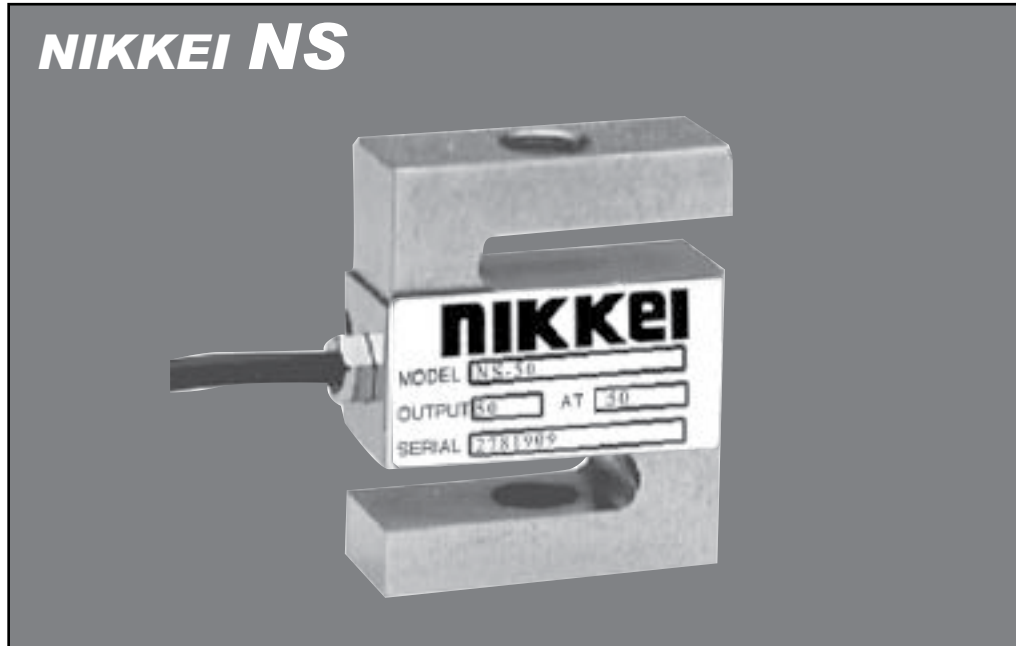


# S-TYPE LOAD CELL

**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<sup>®</sup>**

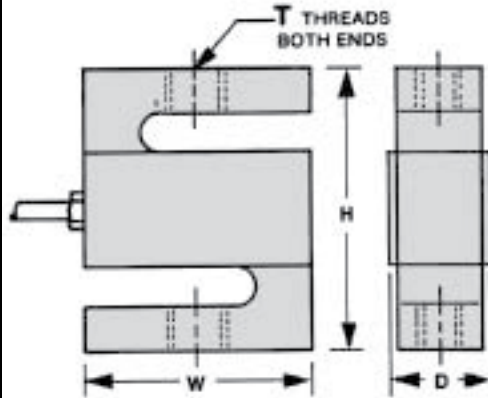
**Scales & Components**

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

# 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	NS-25	NS-25-SS
50	2.50	2.00	.75	1/4 -28 UNF	NS-50	NS-50-SS
75	2.50	2.00	.75	1/4 -28 UNF	NS-75	NS-75-SS
100	2.50	2.00	.75	1/4 -28 UNF	NS-100	NS-100-SS
150	2.50	2.00	.75	1/4 -28 UNF	NS-150	NS-150-SS
200	2.50	2.00	.75	1/4 -28 UNF	NS-200	NS-200-SS
250	2.50	2.00	.75	1/4 -28 UNF	NS-250	NS-250-SS
300	2.50	2.00	.75	1/4 -28 UNF	NS-300	NS-300-SS
500	2.50	2.00	1.00	1/2 -20 UNF	NS-500	NS-500-SS
750	2.50	2.00	1.00	1/2 -20 UNF	NS-750	NS-750-SS
1,000	2.50	2.00	1.00	1/2 -20 UNF	NS-1K	NS-1K-SS
1,500	2.50	2.00	1.00	1/2 -20 UNF	NS-1.5K	NS-1.5K-SS
2,000	2.50	2.00	1.00	1/2 -20 UNF	NS-2K	NS-2K-SS
2,500	2.50	2.00	1.00	1/2 -20 UNF	NS-2.5K	NS-2.5K-SS
3,000	4.00	3.00	1.25	1/2 -20 UNF	NS-3K	NS-3K-SS
5,000	4.00	3.00	1.25	3/4 -16 UNF	NS-5K	NS-5K-SS
10,000	4.00	3.00	1.25	3/4 -16 UNF	NS-10K	NS-10K-SS
15,000	5.50	3.50	1.5	1 -14 UNF	NS-15K	NS-15K-SS
20,000	7.00	4.50	2.0	1-1/4 -12 UNF	NS-20K	NS-20K-SS

### 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.



# Totalcomp®

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