TS



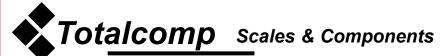


Totalcomp TS

## Nickel plated S Type load cells

- Capacities from 25 lb to 40,000 lb
- 20 ft 4 wire cable
- Nickel plated construction
- Interchangeable with Sensortronics 60001
- NTEP certified
- Environmentally sealed rugged steel construction

email: sales@totalcomp.com



# **Specifications**

TS

The Totalcomp TS load cells are interchangeable with Sensortronics 60001 S type load cells. They are built to meet or exceed all manufacturers specs for this type of cell. They are constructed of nickel plated steel for washability and protection from harsh environments.

Part Number Capacity         Stock           TS-25         25 lb         218           TS-50         50 lb         218           TS-75         75 lb         218           TS-100         100 lb         218           TS-150         150 lb         218           TS-200         200 lb         218           TS-250         250 lb         218           TS-300         300 lb         218           TS-500         500 lb         218
TS-50 50 lb 218 TS-75 75 lb 218 TS-100 100 lb 218 TS-150 150 lb 218 TS-200 200 lb 218 TS-250 250 lb 218 TS-300 300 lb 218 TS-500 500 lb 218
TS-75 75 lb 218  TS-100 100 lb 218  TS-150 150 lb 218  TS-200 200 lb 218  TS-250 250 lb 218  TS-300 300 lb 218  TS-500 500 lb 218
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TS-250 250 lb 218 TS-300 300 lb 218 TS-500 500 lb 218
TS-300 300 lb 218 TS-500 500 lb 218
TS-500 500 lb 218
TS-750 750 lb 219 TS-1K 1,000 lb 219
TS-1K 1.000 lb 219
TS-1.5K 1,500 lb 219
TS-2K 2,000 lb 219
TS-2.5K 2,500 lb 219
TS-3K 3,000 lb 219
TS-5K 5,000 lb 219
TS-10K 10,000 lb 219
TS-15K 15,000 lb 219
TS-20K 20,000 lb 219
TS-30K 20,000 lb 242
TS-40K 40,000 lb 242

	4 CONDUCTOR, 22 AWG SHIELDED & JACKETEI 20 FOOT STANDARD LI OR PER SALES ORDER	INGTH	Γ,	2 PLACE			
	Wiring + Excitation Red - Excitation Black - Output Green - Output White	-					
CAPACITY	Α	8	c	0	6	DEFLECTION	WEIGHT
CAPACITY 25-200	A 1/4-28 UNF-28	0.65	0.50	2.00	E 2.50	0.015-0.010	WEIGHT 4.0
		_	-	_		0.000.000	***************************************
25-200	1/4-28 UNF-28	0.65	0.50	2.00	2.50	0.015-0.010	4.0
25-200 250-300	1/4-28 UNF-28 3/8-24 UNF-28	0.65 0.75	0.50	2.00 2.00	2.50 3.00	0.015-0.010	4.0 4.0
25-200 250-300 500-2x	1/4-28 UNF-28 3/8-24 UNF-28 1/2-29 UNF-28	0.65 0.75 1.00	0.50 0.50 0.75	2.00 2.00 2.00	2.50 3.00 3.00	0.015-0.010 0.010 0.010-0.012	4.0 4.0 6.5
25-200 250-300 500-2k 2.5k-4k 5k 10k	1/4-28 UNF-28 3/8-24 UNF-28 1/2-29 UNF-28 1/2-29 UNF-28 3/4-16 UNF-28 3/4-16 UNF-28	0.65 0.75 1.00 1.25 1.25	0.50 0.50 0.75 1.00 1.00	2.00 2.00 2.00 2.00 3.00 3.50	2.50 3.00 3.00 3.00 4.25 4.75	0.015-0.010 0.010 0.010-0.012 0.012 0.017 0.025	4.0 4.0 6.5 6.5 6.5
25-200 250-300 500-2x 2.5k-4k 5k 10k	1/4-28 UNF-28 3/8-24 UNF-28 1/2-20 UNF-28 1/2-20 UNF-28 3/4-16 UNF-28	0.65 0.75 1.00 1.25 1.25 1.25	0.50 0.50 0.75 1.00	2.00 2.00 2.00 2.00 2.00 3.00	2.50 3.00 3.00 3.00 4.25 4.75 5.50	0.015-0.010 0.010 0.010-0.012 0.012 0.017	4.0 4.0 6.5 6.5 6.5 6.5
25-200 250-300 500-2k 2.5k-4k 5k 10k	1/4-28 UNF-28 3/8-24 UNF-28 1/2-29 UNF-28 1/2-29 UNF-28 3/4-16 UNF-28 3/4-16 UNF-28	0.65 0.75 1.00 1.25 1.25	0.50 0.50 0.75 1.00 1.00 1.00 1.25 2.00	2.00 2.00 2.00 2.00 3.00 3.50 4.00 5.00	2.50 3.00 3.00 3.00 4.25 4.75 5.50 7.00	0.015-0.010 0.010 0.010-0.012 0.012 0.017 0.025 0.025	4.0 4.0 6.5 6.5 6.5 6.5 9.0 9.0
25-200 250-300 500-2x 2.5k-4k 5k 10k 15k 20k	1/4-29 UNF-28 3/8-24 UNF-28 1/2-29 UNF-28 1/2-29 UNF-28 3/4-16 UNF-28 3/4-16 UNF-28 1-14 UNF-28	0.65 0.75 1.00 1.25 1.25 1.25	0.50 0.50 0.75 1.00 1.00 1.25	2.00 2.00 2.00 2.00 3.00 3.50 4.00	2.50 3.00 3.00 3.00 4.25 4.75 5.50	0.015-0.010 0.010 0.010-0.012 0.012 0.017 0.025 0.025	4.0 4.0 6.5 6.5 6.5 6.5
25-200 250-300 500-2x 2.5k-4k 5k 10k 15k 20k 50-100 kg) 250 kg-1 f)	14-29 UNF-28 38-24 UNF-28 12-29 UNF-28 12-29 UNF-28 12-29 UNF-28 34-16 UNF-28 34-16 UNF-28 1-14 UNF-28 1-14-12 UNF-28 MR.0 a 1.25-64 MI 2 x 1.75-68	0.65 0.75 1.00 1.25 1.25 1.25 1.25 1.50 2.25 (16.9) (25.4)	0.50 0.50 0.75 1.00 1.00 1.00 1.25 2.00 (12.7)	2.00 2.00 2.00 2.00 3.00 3.50 4.00 5.00 (60.8)	2.50 3.00 3.00 3.00 4.25 4.75 5.50 7.00 (63.5) (76.0)	0.015-0.010 0.010 0.010-0.012 0.012 0.017 0.025 0.025 0.025 0.025 0.036 0.040	4.0 4.0 6.5 6.5 6.5 6.5 9.0 9.0 (1.8)
25-200 250-300 500-2k 2.5k-4k 5k 10k 15k 20k 50-100 kg)	14-29 UNF-28 38-24 UNF-28 12-29 UNF-28 12-29 UNF-28 34-16 UNF-28 34-16 UNF-28 1-14 UNF-28 1-14 UNF-28 May 1, 15-64 M20 x 1, 5-64 M20 x 1, 5-64	0.65 0.75 1.00 1.25 1.25 1.25 1.50 2.25 (16.5)	0.50 0.50 0.75 1.00 1.00 1.00 1.25 2.00 (12.7)	2.00 2.00 2.00 2.00 2.00 3.00 3.50 4.00 5.00 (50.8) (50.8)	2.50 3.00 3.00 3.00 4.25 4.75 5.50 7.00 (63.5)	0.015-0.010 0.010 0.010-0.012 0.012 0.017 0.025 0.025 0.025 (0.03-0.004)	4.0 4.0 6.5 6.5 6.5 6.5 9.0 9.0 586-E(d,d)
250-300 500-2x 2.5k-4k 5k 10k 15k 20k 50-100 kg) (250 kg-1 f)	14-29 UNF-28 38-24 UNF-28 12-29 UNF-28 12-29 UNF-28 12-29 UNF-28 34-16 UNF-28 34-16 UNF-28 1-14 UNF-28 1-14-12 UNF-28 MR.0 a 1.25-64 MI 2 x 1.75-68	0.65 0.75 1.00 1.25 1.25 1.25 1.25 1.50 2.25 (16.9) (25.4)	0.50 0.50 0.75 1.00 1.00 1.00 1.25 2.00 (12.7)	2.00 2.00 2.00 2.00 3.00 3.50 4.00 5.00 (60.8)	2.50 3.00 3.00 3.00 4.25 4.75 5.50 7.00 (63.5) (76.0)	0.015-0.010 0.010 0.010-0.012 0.012 0.017 0.025 0.025 0.025 0.025 0.036 0.040	4.0 6.5 6.5 6.5 6.5 9.0 9.0 (1.8)

#### **Performance** Full Scale Output 3.00 mv/v Combined error 0.02% FS Nonlinearity 0.02% FS Hysteresis 0.02% FS Creep in 30 min 0.03% FS Non-Repeatabillity 0.01% FS Zero Balance 1.0% FS Overload, Safe 150% FS Overload, Ultimate 300% FS

### **Electrical**

Bridge Resistance Input 343 - 450 ohms Output 349 - 355 ohms Excitation Voltage 10 VDC(15 VDC Max)

10 VDC(15 VDC Max) Insulation Resistance 1000 Mohms@50 VDC

## Wiring

20 foot, 4 wire

#### **Temperature**

Compensated Range
-10 deg C to +40 deg C
Operating Range
-18 deg C to +65 deg C
Effect on Zero Balance
0.0010% FS/ deg F
Effect on FS Output
0.0008 FS/ deg F

#### Mechanical

Material
Alloy tool steel
Finish
Nickel plated
Sealing IP67

#### Color code

email: sales@totalcomp.com

+Excitation	Red
-Excitation	Black
+Output	Green
-Output	White

#### Totalcomp Limited Warranty

Totalcomp warrants this product to be free of defects in materials and/or workmanship and suitable for the purpose intended as outlined in 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.

