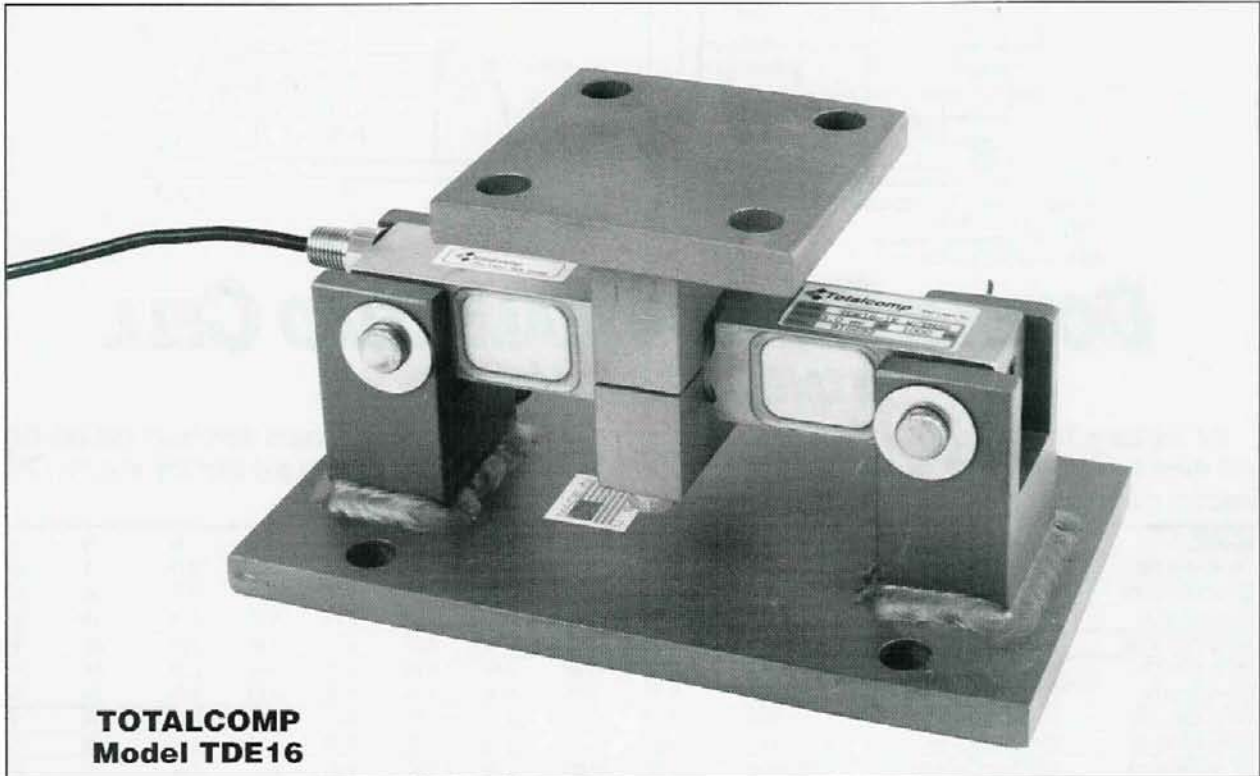


TDE16

TANK MOUNT



Double Ended Beam Load Cell & Heavy Duty Mounting Assembly

- ✓ Capacities from 1k to 200k - **IN STOCK**
- ✓ Stainless Steel or Nickel Plated Load Cell and Tank Mount Assembly
- ✓ Self Checking
- ✓ Floor/Structure mountable
- ✓ Meets NEMA 6 and IP67

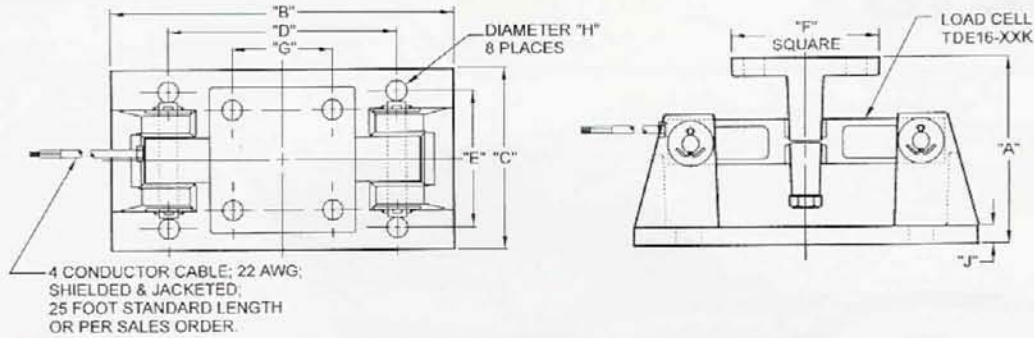


Totalcomp Scales & Components

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



DOUBLE ENDED BEAM LOAD CELL W/TANK MOUNT ASSEMBLY

The *Totalcomp* TDE-16 Load cell with Tank Mount Assembly contains a Double Ended Stainless Steel beam load cell. It is well suited for tank, bin, hopper, and silo weighing as well as batching, blending, mixing, level and inventory weighing. The mounting assembly is a zinc plated, solid steel unit which can be mounted to floors or structures.

NICKEL	STAINLESS	CAPACITY	A	B	C	D	E	F	G	H	J
TDE16-1K w/TM	TDE16-1K w/TM-SS	1,000 lb	5.13	9.35	5.00	6.25	3.75	4.00	2.75	.56	.50
TDE16-1.5K w/TM	TDE16-1.5K w/TM-SS	1,500 lb	5.13	9.35	5.00	6.25	3.75	4.00	2.75	.56	.50
TDE16-2K w/TM	TDE16-2K w/TM-SS	2,000 lb	5.13	9.35	5.00	6.25	3.75	4.00	2.75	.56	.50
TDE16-2.5K w/TM	TDE16-2.5K w/TM-SS	2,500 lb	5.13	9.35	5.00	6.25	3.75	4.00	2.75	.56	.50
TDE16-3K w/TM	TDE16-3K w/TM-SS	3,000 lb	5.13	9.35	5.00	6.25	3.75	4.00	2.75	.56	.50
TDE16-5K w/TM	TDE16-5K w/TM-SS	5,000 lb	5.13	9.35	5.00	6.25	3.75	4.00	2.75	.56	.50
TDE16-10K w/TM	TDE16-10K w/TM-SS	10,000 lb	7.90	12.00	8.00	7.50	6.00	8.00	6.00	.78	.75
TDE16-15K w/TM	TDE16-15K w/TM-SS	15,000 lb	7.90	12.00	8.00	7.50	6.00	8.00	6.00	.78	.75
TDE16-20K w/TM	TDE16-20K w/TM-SS	20,000 lb	7.90	12.00	8.00	7.50	6.00	8.00	6.00	.78	.75
TDE16-25K w/TM	TDE16-25K w/TM-SS	25,000 lb	7.90	12.00	8.00	7.50	6.00	8.00	6.00	.78	.75
TDE16-35K w/TM	TDE16-35K w/TM-SS	35,000 lb	7.90	12.00	8.00	7.50	6.00	8.00	6.00	.78	.75
TDE16-50K w/TM	TDE16-50K w/TM-SS	50,000 lb	9.30	16.25	12.00	11.50	9.50	9.00	6.50	.78	1.00
TDE16-75K w/TM	TDE16-75K w/TM-SS	75,000 lb	9.30	16.25	12.00	11.50	9.50	9.00	6.50	.78	1.00
TDE16-100K w/TM	TDE16-100K w/TM-SS	100,000 lb	11.75	23.50	14.00	20.00	12.00	10.00	8.00	1.12	1.50
TDE16-125K w/TM	TDE16-125K w/TM-SS	125,000 lb	11.75	23.50	14.00	20.00	12.00	10.00	8.00	1.12	1.50
TDE16-200K w/TM	TDE16-200K w/TM-SS	200,000 lb	11.75	23.50	14.00	20.00	12.00	10.00	8.00	1.12	1.50

Performance

Full Scale Output
3 mV/V
Combined Error
±0.03% FS
Nonlinearity
±0.03% FS
Hysteresis
±0.02%
Creep
±0.03% FS in 20 min
Non-Repeatability
±0.01% FS
Zero Balance
±1% FS

Overload, Safe

150% FS
Overload, Ultimate
300% FS

Electrical

Bridge Resistance
Input 686-714 ohms
Output 699-707 ohms
Excitation Voltage
15V DC (25 VDC Max)
or 15V AC (25 VAC Max)
Insulation Resistance
1000Mohms@50VDC

Temperature

Compensated Range
-10°C to +40°C
Temperature Operating Range
-16°C to +65°C
Effect on Zero Balance
0.0015% FS/deg F
Effect on FS Output
0.0007% FS/deg F

Mechanical

Material
Tool Steel or
Stainless Steel
Finish
Electroless Nickel Plate
on Tool Steel
Sealing
IP67

Wiring

Cable length & Type
25 foot, 4 conductor
Cable Color Code
+ ExcitationRed
- ExcitationBlack
+ OutputGreen
- OutputWhite
ShieldBare

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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