

TP40

PLATFORM LOAD CELLS



Top Quality Platform Load Cells from Totalcomp.

- ✓ **This low cost, high quality load cell is a superior value.**
- ✓ **7, 10, 15, 20, 30, 50, 75, 100, 150, 200kg capacities.**
- ✓ **Aluminum or Stainless Steel Construction.**
- ✓ **Optional NTEP 3000d & OIML C3 Classes.**
- ✓ **Environmentally Sealed.**
- ✓ **10 ft. six conductor cable.**

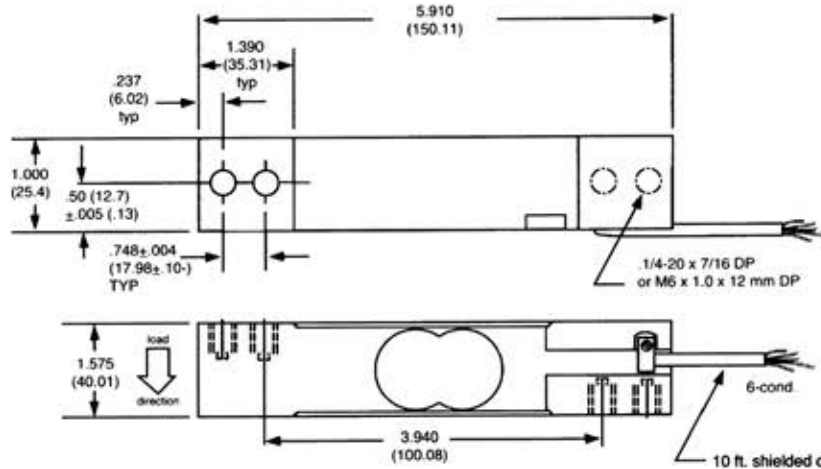


Totalcomp[®] Scales & Components

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Model TP40

PLATFORM LOAD CELL

The *Totalcomp* TP40 Series Platform Load cells are top quality, environmentally sealed units. The environmentally sealed stainless steel housing provides protection when used in areas where foreign particles and/or corrosive substances are present.

Aluminum

Part Number	Capacity	Nominal	Weight
TP40-7kg	7 kg	15 lb	2 lb
TP40-10kg	10 kg	20 lb	2 lb
TP40-15kg	15 kg	30 lb	2 lb
TP40-20kg	20 kg	40 lb	2 lb
TP40-30kg	30 kg	60 lb	2 lb
TP40-50kg	50 kg	100 lb	2 lb
TP40-75kg	75 kg	150 lb	2 lb
TP40-100kg	100 kg	200 lb	2 lb
TP40-200kg	200 kg	400 lb	2 lb

Stainless Steel

Part Number	Capacity	Nominal	Weight
TP40-7kg-SS	7 kg	15 lb	3 lb
TP40-10kg-SS	10 kg	20 lb	3 lb
TP40-15kg-SS	15 kg	30 lb	3 lb
TP40-20kg-SS	20 kg	40 lb	3 lb
TP40-30kg-SS	30 kg	60 lb	3 lb
TP40-50kg-SS	50 kg	100 lb	3 lb
TP40-75kg-SS	75 kg	150 lb	3 lb
TP40-100kg-SS	100 kg	200 lb	3 lb
TP40-200kg-SS	150 kg	300 lb	3 lb

Performance

Full Scale Output
2.00 mV/V
Combined Error
±0.05% FS
Nonlinearity
±0.03% FS
Hysteresis
±0.05%
Creep
±0.025% FS in 30 min
Non-Repeatability
±0.01% FS
Zero Balance
±5.0% FS

Overload, Safe

150% FS
Overload, Ultimate
300% FS

Electrical

Bridge Resistance
Input 350 ohms
Output 350 ohms
Excitation Voltage
10VDC (15VDC Max)
Insulation Resistance
5KM ohms @ 50VDC

Temperature

Compensated Range
-10°C to +40°C
Temperature Operating Range
-10°C to +40°C
Effect on Zero Balance
0.0028% FS/deg C
Effect on FS Output
0.0028% FS/deg C

Mechanical

Material
Aluminum or
Stainless Steel
Finish
Anodized or
Polished Stainless Steel
Sealing
IP65

Wiring

Cable Length & Type
10 foot, 6 conductor
Cable Color Code
 + Excitation Green
 - Excitation Black
 + Sense Orange
 - Sense Blue
 + 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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