



ITA Integrated Tank Assembly

Avery Weigh-Tronix

Specifications

The ITA is an innovative self-contained low profile weighing assembly with an integrated load cell and mounting assembly. The ITA design allows up to 3° off its axis without affecting weighing accuracy. The durable, stainless steel welded construction prevents intrusion from moisture or chemicals; providing years of service in the most severe environments. Integral to the ITA design is its uplift restraint and side load protection; eliminating the need for check rods or stabilizing hardware in most applications. Offering operational safety, quick installation, overload protection, and steelwork misalignment tolerance.

General

Capacity	Medium Duty: 100 lb - 125,000 lb (454 kg - 56,699 kg)
Rated Output	3 mV/V $\pm$ 0.10%
Non-linearity of Rated Output	$\pm$ 0.05%
Non-repeatability of Rated Output	$\pm$ 0.05%
Creep (30 minutes)	$\pm$ 0.03%
Safe Overload F.S.	150%
Ultimate Overload F.S.	300%
Input Resistance / Impedance	350 $\pm$ 3 Ω *
Output Resistance / Impedance	350 $\pm$ 3 Ω *

*Nominal

Electrical

Excitation Voltage	10-15 VAC/VDC
Cable Length	25' (7.62 m)
Excitation +	Green
Excitation -	Black
Signal +	White
Signal -	Red

Physical Housing

Enclosures

Load Cell: Stainless steel hermetically sealed NEMA 4X (IP66/ IP68)

Cable Exit: Conduit fittings or captive cable

Hermetic Connector: Optional

Base Plate: Stainless steel

Shipping Weight & Dimensions

1000-15,000 lb: 6 lb (3 kg)

20,000-50,000 lb: 16 lb (7 kg)

75,000-125,000 lb: 27 lb (12 kg)

1000-15,000 lb: 12" x 12" x 4" (304 mm x 304 mm x 101 mm)

20,000-50,000 lb: 13" x 13" x 4" (330 mm x 330 mm x 101 mm)

75,000-125,000 lb: 13" x 13" x 6" (330 mm x 330 mm x 152 mm)

Operating Temperature

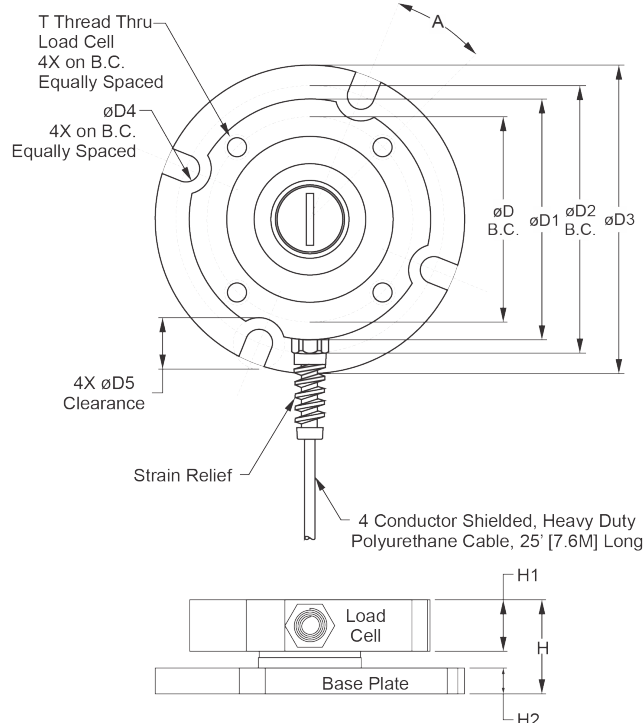
10° F to 110° F / -12° C to 43° C

10° F to 110° F / -12° C to 43° C
(compensated temp range)

± 0.0015% / ° C
(temp effect on zero balance)

± 0.0008% / ° C
(temp effect on span)

Dimensions inches (mm)



Rated Capacity (lbs)	H	H1	H2	D	D1	D2	D3	D4	D5	A	T
1K - 10K	1.37 (34.9)	0.75 (19.1)	0.37 (9.5)	3.00 (76.2)	3.50 (88.9)	3.90 (99.1)	4.50 (114.3)	0.40 (10.2)	0.75 (19.1)	23.0°	3/8-16
15K	1.62 (41.1)	0.75 (19.1)	0.62 (15.8)	3.00 (76.2)	3.50 (88.9)	3.90 (99.1)	4.50 (114.3)	0.40 (10.2)	0.75 (19.1)	23.0°	3/8-16
20K - 50K	2.53 (64.3)	1.30 (33.0)	0.75 (19.1)	4.82 (122.6)	5.50 (139.7)	6.25 (158.8)	7.00 (177.8)	0.56 (14.3)	1.25 (31.8)	17.0°	1/2-13
75K - 125K	3.12 (79.2)	1.50 (38.1)	1.00 (25.4)	5.50 (139.7)	6.50 (165.1)	7.00 (177.8)	8.00 (203.2)	0.81 (20.7)	1.75 (44.5)	52.5°	3/4-16



More online

- Technical specifications
- User manuals
- News and information

Avery Weigh-Tronix

www.averyweigh-tronix.com

Avery Weigh-Tronix is an ITW company