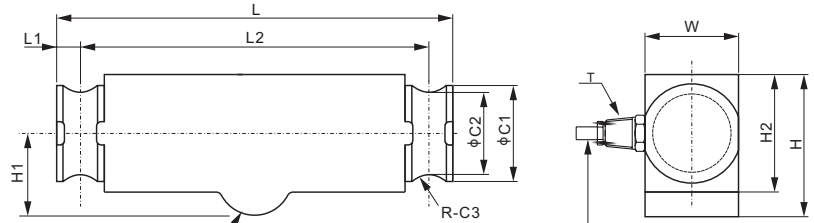


102TH

Alloy Steel

ANYLOAD



Capacity ≤ 40Klb Cable φ 7.6 × 10m
Capacity ≥ SE50Klb Cable φ 7.6 × 18m



DIMENSIONS

RATED CAPACITY	C1	C2	C3	C4	H	H1	H2	L	L1	L2	W	T
Klb/inches												
25-40; SE50; SE60; SE75	2.00	1.63	0.50	0.50	2.97	1.75	2.44	8.25	0.50	7.25	1.94	1/2-14 NPT
50-75	2.20	1.70	0.75	1.00	3.47	2.00	2.94	11.50	0.75	10.00	1.94	1/2-14 NPT
100-125	3.20	2.44	1.00	1.50	4.68	2.75	3.86	14.50	1.00	12.50	2.90	1/2-14 NPT
t/mm (conversion of above dimensions)												
6.8-18.1; SE22.7; SE27.2; SE34	50.8	41.4	12.7	12.7	75.4	44.5	62.0	209.6	12.7	184.2	49.3	1/2-14 NPT
22.7-34	55.9	43.2	19.1	25.4	88.1	50.8	74.7	292.1	19.1	254.0	49.3	1/2-14 NPT
45.4-56.7	81.2	62.0	25.4	38.1	118.9	69.9	98.0	368.3	25.4	317.5	73.7	1/2-14 NPT

SPECIFICATIONS

Full Scale Output	3.0 mV/V ± 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 2 [50V DC] GΩ
Non-linearity	< ± 0.023%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.017%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.023%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.023%	Seal Type / IP Rating	Environmentally Sealed / IP67
Input Resistance	700Ω ± 10	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	700Ω ± 5		
Element Material	Alloy Steel, Nickel Plated		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
25Klb.....	102TH-25Klb.....	4.9
40Klb.....	102TH-40Klb.....	5.2
SE50Klb.....	102TH-SE50Klb.....	6.0
SE60Klb.....	102TH-SE60Klb.....	6.0
SE75Klb.....	102TH-SE75Klb.....	6.1
50Klb.....	102TH-50Klb.....	8.3
60Klb.....	102TH-60Klb.....	8.3
75Klb.....	102TH-75Klb.....	8.5
100Klb.....	102TH-100Klb.....	21.1
125Klb.....	102TH-125Klb.....	21.1

Lightning Protection Version:

75Klb..... 102TH-75Klb-02.....8.5

Lightning Protection +

Rodent Protection Cable 50ft Version:

60Klb.....102TH-60Klb-01-RP50ft.....8.5

SE refers to small envelope

* ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

NTEP 1:10 000 Class IIIL, Multiple Cell

11t-55t: OIML MAA C4, Y=15 000

For further available P/N's & specifications per NTEP/OIML classes, please contact us.

WEIGH MODULE

Model	Page
102THM5-AA.....	160

INTERCHANGEABLE REFERENCE

Brand	Model
Artech.....	80310
Coti Global.....	CG-BE40
Rice Lake.....	RL75040
Vishay Celtron.....	DLB
Vishay Revere Transducers.....	9323*
Vishay Revere Transducers.....	9903**
Vishay Sensortronics.....	65040A

* Element material of 9323: stainless steel. Design capacities are 25Klb, 40Klb, SE50Klb, SE60Klb, SE75Klb.

** Element material of 9903: stainless steel. Design capacities are 50Klb, 60Klb, 75Klb.

Product Datasheet Disclaimer

Information Changes:

All product specifications, statements, information, and data (collectively, the "Information") in this catalog or made available elsewhere by ANYLOAD are subject to change. Customers must verify the applicability of the Information at the time of order placement.

Accuracy and Reliability:

While all Information is believed to be accurate and reliable, it is presented without guarantee, warranty, or responsibility of any kind, expressed or implied.

Laboratory Conditions:

Data listed in the datasheet is produced within controlled laboratory settings and may not be reproducible without exact replication of all metrological conditions. Users must validate that a product with the described properties is suitable for their applications.

Interchangeability:

Statements of interchangeability with other manufacturers are based on ANYLOAD's knowledge at the time of publication and are not intended to constitute any warranty concerning the substitutability of an ANYLOAD product with one made by another Manufacturer.

Warranty Voidance:

Any use of the product outside of specifications or any storage or installation inconsistent with product guidance voids any warranty.

Intended Use:

The information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. ANYLOAD provides technical advice without obligation or liability for the advice given or results obtained.

Component Failures:

Although ANYLOAD designs and manufactures its products to stringent quality and safety standards, isolated component failures may still occur. Applications requiring high reliability or safety should employ suitable designs or safeguards to ensure that component failure does not result in personal injury or property damage.

High-Risk Applications:


Unless specifically agreed to in writing, ANYLOAD has not tested or certified its products, services, or deliverables for use in high-risk applications (e.g., medical life support, nuclear facilities, weapon systems). ANYLOAD makes no assurances that the products are suitable for high-risk uses. Under no circumstances does ANYLOAD warrant or guarantee suitability for any customer design or manufacturing process.

Contact authorized ANYLOAD personnel for special terms and conditions regarding products designed for specific safety requirements.

Safety Measures:

All product-related warnings, cautions, and notes must be observed. Customers should not assume that all safety measures are indicated or that other measures may not be required.

California Proposition 65:

 **WARNING:** Some products manufactured or distributed by ANYLOAD may contain trace amounts of chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm. These substances are present in minimal quantities and are typically encapsulated within our products. This warning is provided to enable you to make informed decisions as a consumer.