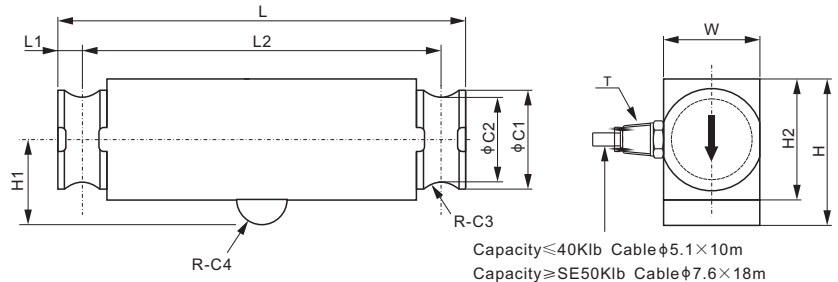


# 102TH



## Alloy Steel



### DIMENSIONS

RATED CAPACITY	C1	C2	C3	C4	H	H1	H2	L	L1	L2	W	T
<b>Klb/inches</b>												
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
<b>t/mm (conversion of above dimensions)</b>												
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

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

### PART NUMBER

Rated Capacity	Part No.	Shipping Weight (kg) Approx.
25Klb.....	102TH-25Klb.....	5.0
40Klb.....	102TH-40Klb.....	5.0
SE50Klb.....	102TH-SE50Klb.....	6.0
SE60Klb.....	102TH-SE60Klb.....	6.0
SE75Klb.....	102TH-SE75Klb.....	6.0
50Klb.....	102TH-50Klb.....	8.0
60Klb.....	102TH-60Klb.....	9.0
75Klb.....	102TH-75Klb.....	9.0
100Klb.....	102TH-100Klb.....	21.0
125Klb.....	102TH-125Klb.....	21.0

SE refers to small envelope

### WEIGH MODULE

Model	Page
102THM5.....	105

### INTERCHANGEABLE PRODUCTS

Manufacturer	Model
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.

25Klb-125Klb: NTEP 1:10 000 Class III, Multiple Cell

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

DOUBLE ENDED BEAMS