



CE RoHS

### DIMENSIONS

RATED CAPACITY	H	H1	H2	L	L1	L2	L3	W	W1	W2	T
<b>lb/inches</b>											
50-200	3.09	0.09	0.04	6.00	1.50	1.00	0.25	1.25	1.00	-	1/4-28 UNF-2B Depth0.47
400-500	3.09	0.09	0.04	6.00	1.50	1.00	0.25	1.25	1.00	0.50	1/4-28 UNF-2B Depth0.47
1,000	3.09	0.09	0.18	6.00	1.50	1.00	0.25	1.75	1.50	1.00	5/16-24 UNF-2B Depth0.75
<b>kg/mm</b> (conversion of above dimensions)											
22.7-90.8	78.5	2.3	1.2	152.4	38.1	25.4	6.35	31.8	25.4	-	1/4-28 UNF-2B Depth12.0
181.6-227	78.5	2.3	1.2	152.4	38.1	25.4	6.35	31.8	25.4	12.7	1/4-28 UNF-2B Depth12.0
454	78.5	2.3	4.6	152.4	38.1	25.4	6.35	44.5	38.1	25.4	5/16-24 UNF-2B Depth19.0

### SPECIFICATIONS

<b>Full Scale Output</b>	2.0 ± 10% mV/V	<b>Recommended Excitation</b>	10V (15V Maximum)
<b>Zero Balance</b>	± 0.02 mV/V	<b>Reference Max. Platform Size</b>	Capacity ≤ 500lb: 500 × 500 mm Capacity ≥ 1Klb: 750 × 750 mm
<b>Non-linearity</b>	< ± 0.017%	<b>Insulation Resistance</b>	> 2 [ 50V DC ] GΩ
<b>Repeatability</b>	< ± 0.017%	<b>Compensated Temperature Range</b>	-10°C to 50°C / 14°F to 122°F
<b>Hysteresis Error</b>	< ± 0.017%	<b>Safe Overload</b>	150% of full scale
<b>Creep in 30 min.</b>	< ± 0.023%	<b>Breaking Overload</b>	300% of full scale
<b>Input Resistance</b>	385Ω ± 15	<b>Seal Type / IP Rating</b>	Environmentally Sealed / IP66
<b>Output Resistance</b>	350Ω ± 5	<b>Cable Color Code</b>	Exc+ Red    Exc- Black Sig+ Green    Sig- White    Shield Bare
<b>Element Material</b>	2Cr13 Stainless Steel		

### PART NUMBER

Rated Capacity	Part No.	Shipping Weight (kg) Approx.
50lb.....	108TSVS-50lb-YZ.....	1.8
100lb.....	108TSVS-100lb-YZ.....	1.8
200lb.....	108TSVS-200lb-YZ.....	1.8
400lb.....	108TSVS-400lb-YZ.....	1.8
500lb.....	108TSVS-500lb-YZ.....	1.8
1Klb.....	108TSVS-1Klb-YZ.....	2.6

### INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Vishay Sensortronics.....	60048

SINGLE POINTS