



Capacity \leq 25Klb Cable ϕ 5.1 \times 10m
 Capacity \geq 40Klb Cable ϕ 7.6 \times 18m

CE RoHS

DIMENSIONS

RATED CAPACITY	C1	C2	C3	H	H1	H2	L	L1	L2	W	T
lb/inches											
10,000-25,000	0.68	0.90	0.75	1.94	1.70	1.59	7.75	1.38	6.50	1.69	1/4-18 NPT
40,000-75,000	1.06	1.37	1.00	2.94	2.65	2.55	10.25	1.93	8.50	2.44	1/2-14 NPT
100,000	1.06	1.37	1.00	3.44	2.65	2.55	10.25	1.93	8.50	2.44	1/2-14 NPT
kg/mm (conversion of above dimensions)											
4,535.9-11,339.8	17.3	22.9	19.1	49.3	43.2	40.4	196.9	35.1	165.1	42.9	1/4-18 NPT
18,143.7-34,019.4	27.0	34.8	25.4	74.7	67.3	64.8	260.4	49.1	215.9	62.0	1/2-14 NPT
45,359.2	27.0	34.8	25.4	87.4	67.3	64.8	260.4	49.1	215.9	62.0	1/2-14 NPT

SPECIFICATIONS

Full Scale Output	3.0 \pm 0.25% mV/V	Recommended Excitation	10V (15V Maximum)
Zero Balance	\pm 0.02 mV/V	Insulation Resistance	>2 [50V DC] G Ω
Non-linearity	< \pm 0.030%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< \pm 0.017%	Safe Overload	150% of full scale
Hysteresis Error	< \pm 0.023%	Breaking Overload	300% of full scale
Creep in 30 min.	< \pm 0.023%	Seal Type / IP Rating	Welded Seal / IP68
Input Resistance	700 Ω \pm 10	Cable Color Code	Exc+ Red Exc- Black
Output Resistance	700 Ω \pm 5		Sig+ Green Sig- White
Element Material	2Cr13 Stainless Steel		Shield Bare

PART NUMBER

Rated Capacity	Part No.	Shipping Weight (kg) Approx.
10Klb.....	102BS-10Klb-YZ.....	3.0
20Klb.....	102BS-20Klb-YZ.....	3.0
25Klb.....	102BS-25Klb-YZ.....	3.0
40Klb.....	102BS-40Klb-YZ.....	8.0
50Klb.....	102BS-50Klb-YZ.....	8.0
60Klb.....	102BS-60Klb-YZ.....	8.0
75Klb.....	102BS-75Klb-YZ.....	8.0
100Klb.....	102BS-100Klb-YZ.....	11.0

WEIGH MODULE

Model	Page
102BSM1.....	102

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Rice Lake.....	RL75060S
Vishay Revere Transducers.....	9303
Vishay Sensortronics.....	65058S

DOUBLE ENDED BEAMS