



SINGLE ENDED BEAMS



DIMENSIONS

RATED CAPACITY	C1	C2	H	H1	L	L1	L2	L3	L4	W	T
lb/inches											
1000-4,000;SE5,000	0.53	0.81	1.25	0.60	5.12	2.25	3.00	1.00	0.62	1.25	1/2-20 UNF-2B
5,000-10,000	0.78	1.19	1.50	0.75	6.75	3.00	3.75	1.50	0.75	1.50	3/4-16 UNF-2B
15,000-20,000	1.03	1.81	2.00	1.00	8.75	4.00	4.75	2.00	1.00	2.00	1-14 UNS-2B
kg/mm											
500-2,000	13.5	20.6	31.8	15.2	130.0	57.2	76.2	25.4	15.8	31.8	M12X1.75
3,000;5,000	19.8	30.2	38.1	19.1	171.5	76.2	95.3	38.1	19.1	38.1	M18X1.50
10,000	26.2	46.0	50.8	25.4	222.3	101.6	120.7	50.8	25.4	50.8	M24X2.00
20,000	30.2	50.0	58.0	32.0	241.5	110.0	132.0	55.0	27.5	58.0	M36X2.00

SPECIFICATIONS

Full Scale Output	3.0 ± 0.25% mV/V	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	>2 [50V DC] GΩ
Non-linearity	< ± 0.017%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.017%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.017%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.023%	Seal Type / IP Rating	Environmentally Sealed / IP67
Input Resistance	400Ω ± 20 for kg; 350Ω ± 7 for lb	Cable Color Code	Exc+ Red Exc- Black
Output Resistance	350Ω ± 3		Sig+ Green Sig- White
Element Material	17-4PH Stainless Steel		Shield Bare

PART NUMBER

Rated Capacity	Part No.	Shipping Weight (kg) Approx.
1Klb.....	563YSGS-1Klb.....	1.0
2.5Klb.....	563YSGS-2.5Klb.....	1.0
4Klb.....	563YSGS-4Klb.....	1.0
SE5Klb.....	563YSGS-SE5Klb.....	1.0
5Klb.....	563YSGS-5Klb.....	2.0
10Klb.....	563YSGS-10Klb.....	2.0
15Klb.....	563YSGS-15Klb.....	4.0
20Klb.....	563YSGS-20Klb.....	4.0
500kg.....	563YSGS-500kg.....	1.1
1t.....	563YSGS-1t.....	1.1
2t.....	563YSGS-2t.....	1.1
3t.....	563YSGS-3t.....	2.0
5t.....	563YSGS-5t.....	2.0
10t.....	563YSGS-10t.....	4.0
20t.....	563YSGS-20t.....	-

SE refers to small envelope

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Rice Lake.....	RL35023S
Rice Lake.....	RL39123
Vishay Celtron.....	SQB-SS
Vishay Revere Transducers.....	9123
Vishay Sensortronics.....	65023S

1Klb-10Klb: NTEP 1:5 000 Class III, Multiple Cell

500kg-2t: OIML MAA C4, Y=15 000;
3t-10t: OIML MAA C6, Y=8 500