



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