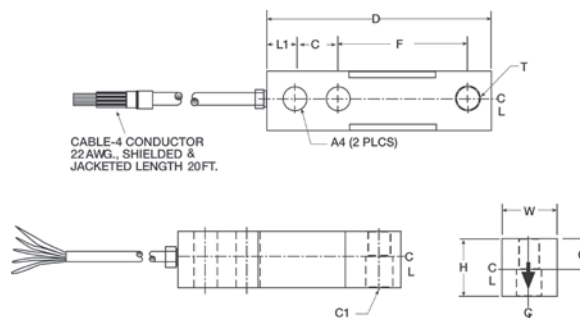
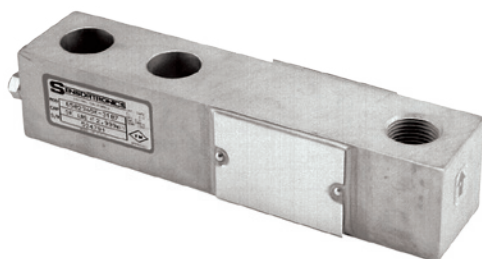


LOAD CELL

VPG Sensortronics, 65023A, Alloy Steel, NTEP Certified 1:5000 Class III Multiple Cell



Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

349-355 ohms

Input Resistance:

343-357 ohms

Material/Finish:

High-alloy steel, nickel plated

Temperature:

Compensated range
14° F to 104° F (-10° C to 40° C)
Operating range
-40° F to 150° F (-40° C to 65° C)

Manufacturer Model Number:

65023-XX-X107 (threaded)
65023-XX (thru)

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5-10 VDC (15 V maximum)

Nonlinearity:

0.03% full scale

Hysteresis:

0.02% full scale

Insulation Resistance:

5,000 megohms

Deflection at Capacity:

500 lb-1,500 lb=0.013 in (0.33 mm),
1,000 lb-5,000 lb=0.017 in-0.025 in
(0.42 mm-0.64 mm),
5,000 lb-10,000 lb=0.025 in-0.035 in
(0.64 mm-0.89 mm),
15,000 lb-20,000 lb=0.048 in-0.013 in
(1.22 mm-0.33 mm)

Seal Type:

Environmentally sealed, IP67

Cable Length:

20 ft (6.1 m)

Cable Diameter:

0.200 polyurethane jacket

Cable Color Code:

Red+ Excitation
Black.....- Excitation
Green.....+ Signal
White.....- Signal

Warranty:

One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	T	L1	C1	W	H	D	C	F	G
lb/in									
250-500	1/2-20 UNF-2B	0.62	0.53	1.25	1.00	5.12	1.00	3.00	0.50
1,000-5,000 SE*	1/2-20 UNF-2B	0.62	0.53	1.25	1.25	5.12	1.00	3.00	0.62
5,000 LE** -10,000	3/4-16 UNF-2B	0.75	0.78	1.50	1.50	6.75	1.50	3.75	0.75
15,000-20,000	1-14 UNS-2B	1.00	1.03	2.00	2.00	8.88	2.00	4.88	1.00
kg/mm									
226.8	1/2-20 UNF-2B	15.8	13.5	31.8	25.4	130.1	25.4	76.2	12.7
453.6-1,814.4	1/2-20 UNF-2B	15.8	13.5	31.8	31.8	130.1	25.4	76.2	12.7
2,268.0-4,535.9	3/4-16 UNF-2B	19.1	19.8	38.1	38.1	171.5	38.1	95.3	19.1
6,803.9-9,071.9	1-14 UNS-2B	25.4	26.2	50.8	50.8	225.6	50.8	124.0	25.4

Order Information

LOAD RATING	PART #	EST. SHIPPING WEIGHT	PRICE
Threaded Hole, NTEP Certified 1:5000			
1,000 lb (453.6 kg)	21507	3 lb	Consult
1,500 lb (680.4 kg)	69832	3 lb	Consult
2,000 lb (907.2 kg)	21508	3 lb	Consult
2,500 lb (1,134.0 kg)	21509	3 lb	Consult
3,000 lb (1,360.8 kg)	21510	3 lb	Consult
4,000 lb (1,814.4 kg)	21511	3 lb	Consult
5,000 lb SE*	102884	3 lb	Consult
5,000 lb LE**	21512	5 lb	Consult
10,000 lb (4,535.9 kg)	21513	5 lb	Consult
Threaded Hole, Non-NTEP Certified			
250 lb (113.4 kg)	176426	3 lb	Consult
500 lb (226.8 kg)	17125	3 lb	Consult
15,000 lb (6,803.9 kg)	17155	9 lb	Consult
20,000 lb (9,071.9 kg)	17159	10 lb	Consult

*SE refers to small envelope

**LE refers to large envelope

Interchangeable Products

MANUFACTURER	MODEL
Rice Lake Weighing Systems	RL35023 (threaded version)
Celtron®	SQB
Rice Lake Weighing Systems	RL30002 (thru hole version)

Weigh Module Available

MANUFACTURER	MODEL
Rice Lake Weighing Systems	RL50210
Rice Lake Weighing Systems	RL1800 Series