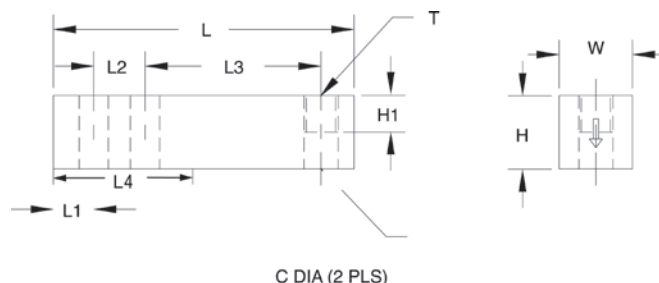


LOAD CELL

VPG Revere, 5123, Single-ended Beam, Alloy Steel, NTEP Certified 1:5000 Class III M1



Specifications

Full Scale Output:
3.0 mV/V

Output Resistance:
352 (± 3) ohms

Input Resistance:
350 (± 7) 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:
5123-A5-XX-20P1

Safe Overload:
150% full scale

Safe Sideload:
100% full scale

Rated Excitation:
5-10 VDC (15 V maximum)

Combined Error:
0.025% full scale

Non-repeatability:
0.01% full scale

Insulation Resistance:
1,000 megohms

Deflection at Capacity:
1,000 lb=0.016 in (0.4 mm)
2,500 lb=0.03 in (0.8 mm)
4,000 lb=0.04 in (1.0 mm)
5,000 lb=0.035 in (0.9 mm)
10,000 lb=0.042 in (1.1 mm)

Seal Type:
Environmentally sealed, IP67

Cable Length:
20 ft (6.1 m)

Cable Color Code:

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

Warranty:
One-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	C	C1	H	H1	L	L1	L2	L3	L4	T	W
lb/in											
1,000-4,000	0.53	0.53	1.25	0.62	5.12	0.62	1.00	3.00	2.25	1/2-20 UNF-2B	1.25
5,000-10,000	0.78	0.78	1.50	0.75	6.75	0.75	1.50	3.75	3.12	3/4-16 UNF-2B	1.50
kg/mm											
453.6-1,814.4	13.5	13.5	31.8	15.8	130.0	15.8	25.4	76.2	57.2	1/2-20 UNF-2B	31.8
2,268.0-4,535.9	19.8	19.8	38.1	19.1	171.5	19.1	38.1	95.3	79.2	3/4-16 UNF-2B	38.1

Order Information

LOAD RATING		PART #	EST. SHIPPING WEIGHT	PRICE
1,000 lb	(453.6 kg)	21516	3 lb	Consult
2,500 lb	(1,134.0 kg)	21517	3 lb	Consult
4,000 lb	(1,814.4 kg)	21518	3 lb	Consult
5,000 lb	(2,268.0 kg)	21519	8 lb	Consult
10,000 lb	(4,535.9 kg)	21520	8 lb	Consult

Interchangeable Products

MANUFACTURER	MODEL
Rice Lake Weighing Systems	RL30000
VPG Tedeá-Huntleigh®	3411
Artech®	30310