SINGLE-ENDED BEAM

RL30000I

Alloy Steel, Environmentally Sealed, NTEP Certified 1:5,000 IIIL Class III Multiple Cell, IP67

Picture is a representation of actual product.

Approvals

Order Information

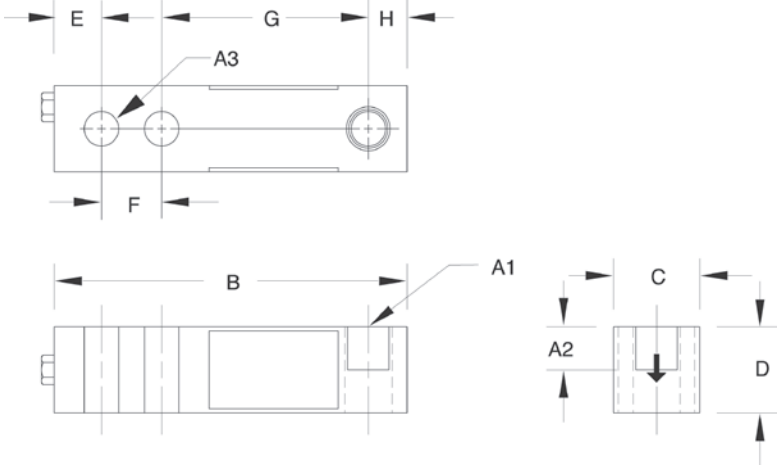
Load Rating	Part #	Est. Weight	Price
NTEP Certified			
1,000 lb	**21491**	3 lb	Consult
2,000 lb	**21493**	3 lb	Consult
2,500 lb	**21495**	3 lb	Consult
3,000 lb	**21497**	3 lb	Consult
4,000 lb	**21498**	3 lb	Consult
5,000 lb SE	**21500**	3 lb	Consult
5,000 lb LE	**21501**	5 lb	Consult
10,000 lb	**21503**	5 lb	Consult
Non-NTEP Certified			
250 lb	**17341**	3 lb	Consult
500 lb	**17342**	3 lb	Consult
20,000 lb	**17109**	10 lb	Consult
Conduit Adapter Kit (must be factory installed to maintain warranty)			
3/8-24 nipple	**31533***	1 lb	Consult
3/8-24 to 1/4-18 NPT	**31534***	1 lb	Consult

SE=small envelope; LE=large envelope

** PN 31533 and PN 31534 must be installed together to form the Conduit Adapter Kit*

Dimensions

Rated Capacity	A1	A2	A3	B	C	D	E	F	G	H
lb/in										
250 to 5,000 SE	1/2-20 UNF	0.60	0.53	5.12	1.25	1.25	0.62	1.00	3.00	0.50
5,000 LE to 10,000	3/4-16 UNF	0.75	0.78	6.75	1.50	1.50	0.75	1.50	3.75	0.75
20,000	1-14 UNF	1.00	1.03	8.75	2.00	2.00	1.00	2.00	4.75	1.00



Interchangeable Products

VPG® REVERE
5123..... *page 246*

VPG® TEDEA-HUNTLEIGH®
3411..... *page 306*

ARTECH®
30310

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS
RL50210TA.....*page 37*

RICE LAKE WEIGHING SYSTEMS
RL1800 Series..... *page 48*

Specifications

Full Scale Output:
3.0 mV/V

Bridge Resistance:
350 ohm, nominal

Material/Finish:
High-alloy steel, nickel plated

Temperature:
Compensated:
14 °F to 104 °F (-10 °C to 40 °C)
Operating:
0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:
Environmentally sealed, IP67

Safe Overload:
150% full scale

Safe Sideload:
100% full scale

Rated Excitation:
5 to 10 VAC (15 V maximum)

Combined Error:
0.02% full scale

Insulation Resistance:
5,000 megohm

Deflection at Capacity:
250 to 1,000 lb: 0.013 in
2,000 to 3,000 lb: 0.015 in
4,000 to 5,000 lb: 0.025 in
10,000 lb: 0.032 in
20,000 lb: 0.038 in

Cable Length:
20 ft

Cable Diameter:
0.200 in
Polyurethane jacket

Cable Color Code:
Red +Excitation
Black –Excitation
Green +Signal
White –Signal

Warranty:
Two-year limited

Approvals:
NTEP 98-043
cFMus

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