

SINGLE-ENDED BEAM  
**3411/3421**

Alloy/Stainless Steel, Environmentally Sealed, NTEP Certified 1:3,000 Single Cell, 1:5,000 Multiple Cell Class III, IP67



**APPROVALS**



Available upon request



Available upon request

**Interchangeable Products**

- RICE LAKE WEIGHING SYSTEMS  
**RL30000I** ..... page 142
- RICE LAKE WEIGHING SYSTEMS  
**RL39123\*** ..... page 145
- VPG® REVERSE  
**5123** ..... page 282
- VPG® REVERSE  
**9123\*** ..... page 283

**Weigh Module Available**

- RICE LAKE WEIGHING SYSTEMS  
**RL50210TA** ..... page 50
- RICE LAKE WEIGHING SYSTEMS  
**RL1800 Series** ..... page 62

\*Stainless steel

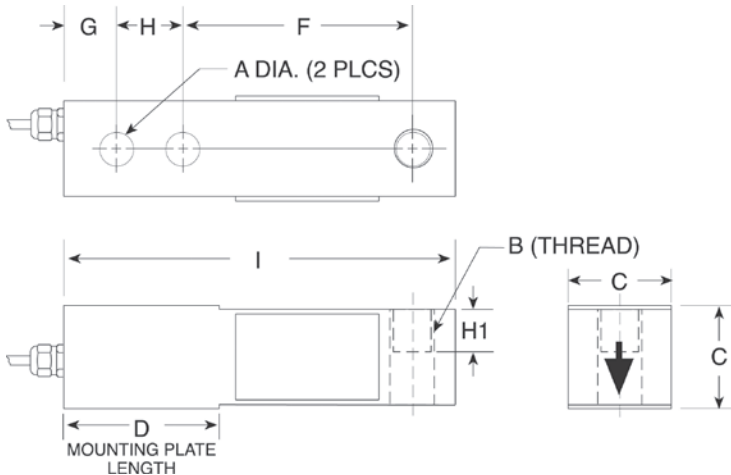
**Dimensions**

Picture is a representation of actual product

Rated Capacity	A	B	C	D	F	G	H	H1	I
lb/in									
1,000-4,000	0.53	1/2-20 UNF	1.24	2.25	3.00	0.63	1.00	0.60	5.12
5,000-10,000	0.78	3/4-16 UNF	1.49	3.00	3.75	0.75	1.50	0.75	6.75

**Order Information**

Load Rating	Part #	Est. Weight	Price
<b>Alloy Steel</b>			
1,000 lb	<b>29903</b>	3 lb	Consult
2,500 lb	<b>29904</b>	3 lb	Consult
4,000 lb	<b>29905</b>	3 lb	Consult
5,000 lb	<b>29906</b>	4 lb	Consult
10,000 lb	<b>29907</b>	4 lb	Consult
<b>Stainless Steel</b>			
1,000 lb	<b>47871</b>	3 lb	Consult
2,500 lb	<b>47872</b>	3 lb	Consult
4,000 lb	<b>47873</b>	3 lb	Consult
5,000 lb	<b>47874</b>	4 lb	Consult
10,000 lb	<b>47875</b>	4 lb	Consult



**Specifications**

- Full Scale Output:**  
3.0 mV/V
- Output Resistance:**  
351 (± 5) ohm
- Input Resistance:**  
385 (± 10) ohm
- Material/Finish:**  
High-alloy - nickel plated  
Stainless steel
- Temperature:**  
Compensated range  
14°F to 104°F (-10°C to 40°C)  
Operating range  
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:**  
5-10 VDC (15 V maximum)
- Combined Error:**  
0.03% full scale
- Insulation Resistance:**  
2,000 megohms
- Deflection at Capacity:**  
1,000-10,000 lb=0.015 in
- Cable Length:**  
10 ft
- Cable Diameter:**  
0.200 in PVC jacket
- Cable Color Code:**  
Red +Excitation  
Black -Excitation  
Green +Signal  
White -Signal  
Blue +Sense  
Brown -Sense
- Warranty:**  
One-year limited warranty
- Approvals:**  
cFMus  
NTEP  
Ex (Available upon request)  
OIML (Available upon request)