

# RL32018

Alloy Steel, Environmentally Sealed, NTEP Certified 1:5,000 Class III Multiple Cell, IP66



Picture is a representation of actual product.

### Approvals



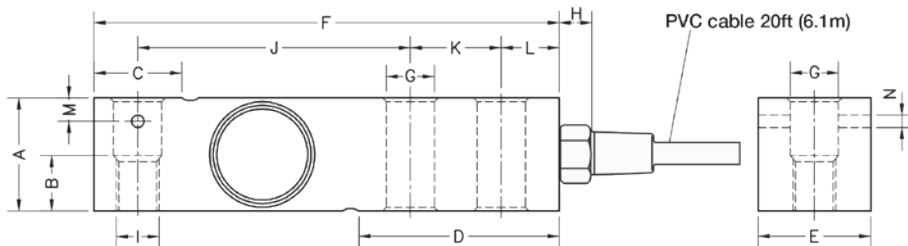
### Order Information

Load Rating	Part #	Est. Weight	Price
<b>NTEP Certified</b>			
500 lb	189151	2 lb	Consult
1,000 lb	189152	2 lb	Consult
1,500 lb	191732	2 lb	Consult
2,000 lb	189153	2 lb	Consult
2,500 lb	189154	2 lb	Consult
3,000 lb	189155	5 lb	Consult
4,000 lb	189156	5 lb	Consult
5,000 lb SE	189157	5 lb	Consult
5,000 lb LE	189158	5 lb	Consult
10,000 lb	189159	5 lb	Consult
<b>Non-NTEP Certified</b>			
250 lb	189150	2 lb	Consult
15,000 lb*	189160	10 lb	Consult
20,000 lb*	189161	10 lb	Consult
<b>With Overbraided Cable</b>			
2,500 lb	209166	10 lb	Consult
20,000 lb*	197558	10 lb	Consult

SE=small envelope; LE=large envelope  
\* Pending NTEP

### Dimensions

Rated Capacity	A	B	C	D	E	F	G	H	I	J	K	L	M	N
lb/in														
250 to 500	1.00	0.59	0.96	2.20	1.24	5.12	0.53	0.70	1/2-20 UNF	3.00	1.00	0.62	0.25	0.13
1,000 to 5,000 SE	1.24	0.59	0.96	2.20	1.24	5.12	0.53	0.70	1/2-20 UNF	3.00	1.00	0.62	0.25	0.13
5,000 LE to 10,000	1.50	-	1.45	2.99	1.50	6.75	0.80	0.70	3/4-16 UNF	3.75	1.50	0.75	-	-
15,000 to 20,000	2.00	-	-	4.00	2.00	8.75	1.06	-	1-14 UNS	4.90	2.00	1.00	-	-



### Interchangeable Products

- VPG® SENSORTRONICS®  
**65023A**.....page 297
- VPG® CELTRON  
**SQB**.....page 205

### Weigh Module Available

- RICE LAKE WEIGHING SYSTEMS  
**RL50210TA**.....page 43
- RICE LAKE WEIGHING SYSTEMS  
**RL1800 Series**.....page 54

### Specifications

- Full Scale Output:**  
3.0 mV/V ± 0.05%  
mV/V/ohm calibration
- Output Resistance:**  
350 (± 3) ohm
- Input Resistance:**  
400 (± 20) ohm
- Material/Finish:**  
Alloy steel, nickel plated
- 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, IP66
- Safe Overload:**  
150% full scale
- Safe Sideload:**  
100% full scale
- Rated Excitation:**  
10 VDC (15 V maximum)
- Combined Error:**  
0.017% full scale
- Insulation Resistance:**  
> 5,000 megohm
- Deflection:**  
0.2 to 0.4 mm
- Cable Length:**  
20 ft
- Cable Color Code:**  
Red +Excitation  
Black -Excitation  
Green +Signal  
White -Signal
- Warranty:**  
Two-year limited
- Approvals:**  
NTEP 18-106  
cFMus FM18US0307X

RICE LAKE  
LOAD CELLS