

# RL35023S Painted

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



Picture is a representation of actual product.

### Approvals



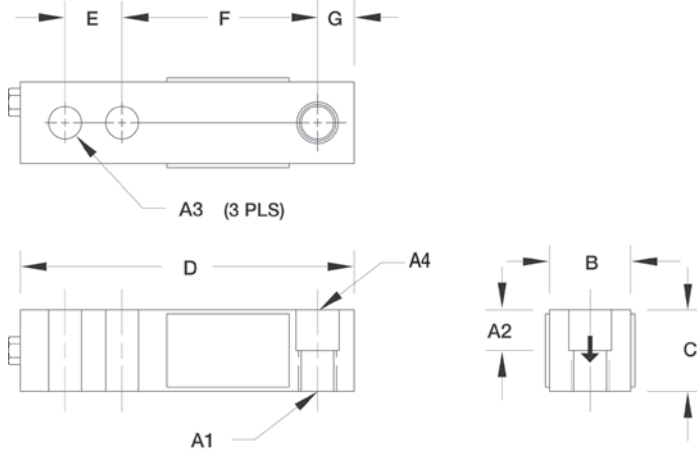
### Order Information

Load Rating	Part#	Est. Weight	Price
1,000 lb	182754	3 lb	Consult
2,000 lb	182755	3 lb	Consult
2,500 lb	182756	3 lb	Consult
4,000 lb	182757	3 lb	Consult
5,000 lb	182758	3 lb	Consult
10,000 lb	182759	3 lb	Consult
<b>Conduit Adapter Kit (must be factory installed to maintain warranty)</b>			
3/8-24 nipple	31533*	1 lb	Consult
3/8-24 to 1/4-18 NPT	31534*	1 lb	Consult

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

### Dimensions

Rated Capacity	A1	A2	A3	A4	B	C	D	E	F	G
1,000 to 4,000 lb/in	1/2-20 UNF	0.62	0.53	0.53 dia	1.25	1.25	5.12	1.00	3.00	0.50
5,000 to 10,000	3/4-16 UNF	0.75	0.78	0.78 dia	1.50	1.50	6.75	1.50	3.75	0.75



### Interchangeable Products

- VPG® SENSORTRONICS®  
**65023S\*** ..... page 283
- VPG® SENSORTRONICS  
**65023SS\*** ..... page 282
- VPG® CELTRON  
**SQB-HSS\*** ..... page 192

### Weigh Module Available

- RICE LAKE WEIGHING SYSTEMS  
**RL50210TA**..... page 31
- RICE LAKE WEIGHING SYSTEMS  
**RL1800 Series**..... page 42

\*Cells are unpainted

### Specifications

- Full Scale Output:**  
3.0 mV/V
- Output Resistance:**  
349 to 355 ohm
- Input Resistance:**  
343 to 357 ohm
- Material/Finish:**  
Stainless steel, painted
- 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 to 10 VDC (15 V maximum)
- Combined Error:**  
0.02% full scale
- Deflection at Capacity:**  
500 to 4,000 lb: 0.017 to 0.025 in  
5,000 to 10,000 lb: 0.025 to 0.035 in
- Cable Length:**  
20 ft
- Cable Diameter:**  
0.200 in polyurethane jacket
- Cable Color Code:**  
Red +Excitation  
Black -Excitation  
Green +Signal  
White -Signal
- Insulation Resistance:**  
5,000 megohm
- Warranty:**  
Two-year limited
- Approvals:**  
cFMus  
NTEP 94-134