

**Interchangeable Products**

VPG SENSORTRONICS®  
**65023 S**

VPG SENSORTRONICS  
**65023 SS**

VPG CELTRON®  
**SQB-HSS**

**Weigh Module Available**

RICE LAKE WEIGHING SYSTEMS  
**RL50210 TA** ..... page 640

RICE LAKE WEIGHING SYSTEMS  
**RL1800 Series**..... page 650



**Specifications**

- Full Scale Output:**  
3.0 mV/V
- Output Resistance:**  
349-355 ohms
- Input Resistance:**  
343-357 ohms
- Material/Finish:**  
Stainless steel
- 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

- Safe Overload:**  
150% full scale
- Safe Sideload:**  
100% full scale
- Rated Excitation:**  
5-10 VDC (15 V maximum)
- Nonlinearity:**  
0.03% full scale

- Deflection at Capacity:**  
500 lb-1,500 lb=0.013 in (0.33 mm)  
1,000 lb-5,000 lb=0.017 in-0.025 in (0.4318 mm-0.635 mm)  
5,000 lb-10,000 lb=0.025 in-0.035 in (0.635 mm-0.889 mm)  
15,000 lb-20,000 lb=0.048 in-0.013 in (1.2912 mm-0.3302 mm)

- Seal Type:**  
Environmentally sealed, IP67

- Cable Length:**  
20 ft (6.1 m)

- Cable Diameter:**  
0.200 polyurethane jacket

- Cable Coloring:**  
Red .....+ Excitation  
Black.....- Excitation  
Green .....+ Signal  
White .....- Signal

- Hysteresis:**  
0.02% full scale

- Insulation Resistance:**  
5,000 megohms

- Warranty:**  
Two-year limited warranty

**Approvals:**



**Dimensions**

Picture is a representation of actual product

Rated Capacity	A1	A2	A3	A4	B	C	D	E	F	G
<b>lb/in</b>										
1,000-4,000	1/2-20 UNF-2B	0.62	0.53	0.53 dia	1.25	1.25	5.12	1.00	3.00	0.50
5000-10,000	3/4-16 UNF-2B	0.75	0.78	0.78 dia	1.50	1.50	6.75	1.50	3.75	0.75
<b>kg/mm</b>										
453.6-1,814.4	1/2-20 UNF-2B	15.8	13.5	13.5 dia	31.8	31.8	130.1	25.4	76.2	12.7
2,268.0-4,535.9	3/4-16 UNF-2B	19.1	19.8	19.8 dia	38.1	38.1	171.5	38.1	95.3	19.1

**Order Information**

Load Rating	Part #	Est. Weight	Price
1,000 lb	<b>30649</b>	3 lb	\$325.00
2,000 lb	<b>30650</b>	3 lb	\$325.00
2,500 lb	<b>30651</b>	3 lb	\$325.00
4,000 lb	<b>30652</b>	3 lb	\$325.00
5,000 lb	<b>30653</b>	5 lb	\$415.00
10,000 lb	<b>30654</b>	5 lb	\$415.00
<b>Conduit Adapter Kit (must be factory installed to maintain warranty)</b>			
3/8-24 nipple	<b>31533*</b>	1 lb	\$30.00
3/8-24 to 1/4-18NPT	<b>31534*</b>	1 lb	\$30.00

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

