

**Interchangeable Products**

RICE LAKE WEIGHING SYSTEMS

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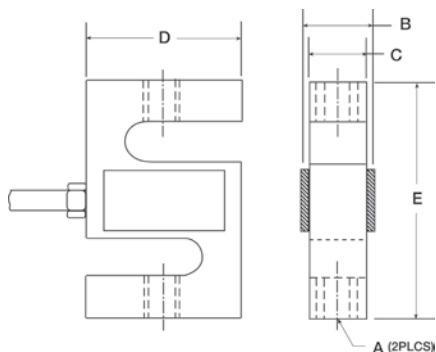
VPG SENSORTRONICS®

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**Weigh Module Available**

RICE LAKE WEIGHING SYSTEMS

**ITCM-Isolated Tension Cell Mount** ..... page 44



Picture is a representation of actual product

**Specifications**

**Full Scale Output:**

3.0 mV/V nominal

**Output Resistance:**

350 (± 3) ohm

**Input Resistance:**

385 (± 5) ohm

**Material/Finish:**

High-alloy steel, nickel plated

**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

**Rated Excitation:**

5-10 VDC (15 V maximum)

**Non-Repeatability:**

0.01% full scale

**Combined Error:**

0.02% full scale

**Insulation Resistance:**

5,000 megohms

**Seal Type:**

Environmentally sealed, IP67

**Cable Length:**

20 ft (6.1 m)

**Cable Diameter:**

0.200 polyurethane jacket (250 lb-20,000 lb)

0.305 polyurethane jacket (40,000 lb)

**Cable Color Code:**

- Red .....+ Excitation
- Black.....- Excitation
- Green.....+ Signal
- White.....- Signal
- Bare ..... Shield

**Warranty:**

One-year limited warranty

**Approvals:**



**Dimensions**

Rated Capacity	A	B	C	D	E
<b>lb/in</b>					
250	3/8-24 UNF	0.75	0.50	2.00	3.00
500-1,500	1/2-20 UNF	1.00	0.75	2.00	3.00
2,000-3,000	1/2-20 UNF	1.25	1.00	2.00	3.00
5,000	3/4-16 UNF	1.25	1.00	3.00	4.25
10,000	3/4-16 UNF	1.25	1.00	3.50	4.75
15,000	1-14 UNS	1.50	1.25	4.00	5.50
20,000	1 1/4-12 UNF	2.19	2.00	5.00	7.00
40,000	1 1/2-12 UNF	2.75	2.50	6.00	10.00
<b>kg/mm</b>					
113.4	3/8-24 UNF	19.1	12.7	50.8	76.2
226.8-907.2	1/2-20 UNF	25.4	19.1	50.8	76.2
1,134.0-1,360.8	1/2-20 UNF	31.8	25.4	50.8	76.2
2,268.0	3/4-16 UNF	31.8	25.4	76.2	107.9
4,535.9	3/4-16 UNF	31.8	25.4	88.9	120.7
6,803.9	1-14 UNS	38.1	31.8	101.6	139.7
9,071.9	1 1/4-12 UNF	55.7	50.8	127.0	177.8
18,144.0	1 1/2-12 UNF	69.9	63.5	152.4	254.0

**Order Information**

Load Rating	Part#	Est. Weight	Price
<b>NTEP Certified</b>			
250 lb	30047	2 lb	Consult
500 lb	30051	2 lb	Consult
750 lb	30054	2 lb	Consult
1,000 lb	30067	2 lb	Consult
1,500 lb	30069	2 lb	Consult
2,000 lb	30072	3 lb	Consult
2,500 lb	30073	3 lb	Consult
3,000 lb	30074	3 lb	Consult
5,000 lb	30076	3 lb	Consult
10,000 lb	30077	5 lb	Consult
15,000 lb	30078	9 lb	Consult
20,000 lb	30079	17 lb	Consult
<b>Non-NTEP Certified</b>			
40,000 lb	46674	39 lb	Consult

**Special Load Cells**

Load Rating	Part#	Est. Weight	Price
<b>30 ft Cable Matched Outputs</b>			
3,000 lb (1,360.8 kg)	67882	3 lb	Consult
5,000 lb (2,268.0 kg)	67881	4 lb	Consult
20,000 lb (9,071.9 kg)	67883	17 lb	Consult