

# 65016

Alloy Steel, IP67



## Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

**RL75016**..... page 149

VPG CELTRON®

**DSR**..... page 208

VPG REVERE®

**5203**..... —

## Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

**RL1600 Series** page 92 and page 94

## Dimensions

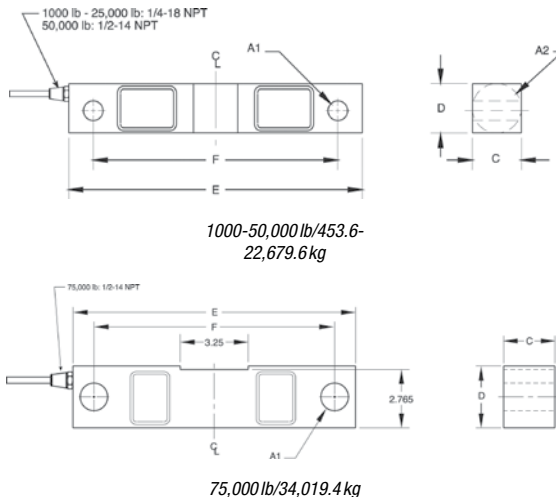
Picture is a representation of actual product

Rated Capacity	A1	A2	C	D	E	F	CONDUIT ADAPTER
<b>lb/in</b>							
1,000-5,000	0.50	1.25	1.25	1.25	7.50	6.25	1/4-18 NPT
10,000-25,000	0.81	1.99	1.44	1.94	8.75	7.50	1/4-18 NPT
35,000	0.81	2.50	1.50	2.50	8.75	7.50	1/4-18 NPT
50,000	1.31	3.00	2.44	2.94	13.50	11.50	1/2-14 NPT
75,000	1.31	—	2.44	2.94	13.50	11.50	1/2-14 NPT
<b>kg/mm</b>							
453.6-2,268.0	12.7	31.8	31.8	31.8	190.5	158.8	1/4-18 NPT
4,535.9-11,339.8	20.6	50.8	36.6	49.3	222.3	190.5	1/4-18 NPT
15,876.0	—	—	—	—	—	—	—
22,679.6	33.3	76.2	62.0	74.7	342.9	292.1	1/2-14 NPT
34,019.4	33.3	—	62.0	74.7	342.9	292.1	1/2-14 NPT

## Order Information

Load Rating		Part #	Est. Weight	Price
1,000 lb	453.6 kg	<b>17268</b>	4 lb	Consult
1,500 lb	680.4 kg	<b>17270</b>	4 lb	Consult
2,500 lb	1,134.0 kg	<b>17273</b>	4 lb	Consult
5,000 lb	2,268.0 kg	<b>17275</b>	4 lb	Consult
10,000 lb	4,535.9 kg	<b>17277</b>	7 lb	Consult
15,000 lb	6,803.9 kg	<b>17279</b>	7 lb	Consult
20,000 lb	9,071.9 kg	<b>17281</b>	7 lb	Consult
25,000 lb	11,339.8 kg	<b>17282</b>	7 lb	Consult
35,000 lb	15,876.0 kg	<b>46498</b>	8 lb	Consult
50,000 lb	22,679.6 kg	<b>17284</b>	27 lb	Consult
75,000 lb*	34,019.4 kg	<b>25358</b>	27 lb	Consult

\*75,000 lb capacity has a square center



## Specifications

### Full Scale Output:

3.0 mV/V nominal

### Output Resistance:

699-707 ohms

### Input Resistance:

686-714 ohms

### Material/Finish:

High-alloy steel, nickel plated

### Temperature:

Operating range  
-40° F to 150° F (-40° C to 65° C)

### Manufacturer Model Number:

65016-XX

### Safe Overload:

150% full scale

### Safe Sideload:

100% full scale

### Rated Excitation:

5-10 VDC (15 V maximum)

### Nonlinearity:

0.03% full scale

### Hysteresis:

0.02% full scale

### Insulation Resistance:

5,000 megohms

### Seal Type:

Environmentally sealed, IP67

### Cable Length:

25 ft (7.6 m)

### Cable Diameter:

0.200 up to 25,000 lb,  
0.301 between 50,000 lb and 75,000 lb  
polyurethane jacket

### Cable Color Code:

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

### Warranty:

One-year limited warranty

### Approvals:

