

Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RL35082 page 134**Weigh Module Available**

RICE LAKE WEIGHING SYSTEMS

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RICE LAKE WEIGHING SYSTEMS

RL1800 Series page 62**Specifications****Full Scale Output:**

2.0mV/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)

Manufacturer Model Number:

65083S-5100 (IP67 model)

65083S-5117 (IP66/68 model)

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5-10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Non-repeatability:

0.01% full scale

Insulation Resistance:

5,000 megohms

Deflection at Capacity:

1,000 lb-4,000 lb=0.012 in

5,000 lb-10,000 lb=0.03 in

Seal Type:

Welded-seal, IP67,

Hermetically sealed*, IP69K

Cable Length:

20 ft (6.1 m), PTFE coated

Cable Diameter:

0.220 PTFE jacket

Conduit Adapter Size:

1/4-18 NPT**

Cable Color Code:

Red+ Excitation

Black.....- Excitation

Green.....+ Signal

White- Signal

Warranty:

One-year limited warranty

Approvals:

IP67 model

IP69K model**

Dimensions*Picture is a representation of actual product*

Rated Capacity	C	H	H1	L	L1	L2	L3	L4	T	W
lb/in										
1,000-4,000	0.53	1.22	0.61	5.12	0.62	1.00	3.00	2.25	1/2-20 UNF-2B	1.22
5,000-10,000	0.78	1.50	0.75	6.75	0.75	1.50	3.75	3.00	3/4-16 UNF-2B	1.50
kg/mm										
453.6-1,814.4	13.5	31.0	15.5	130.0	15.7	25.4	76.2	57.2	1/2-20 UNF-2B	31.0
2,268.0-4,535.9	19.8	38.1	19.1	171.5	19.1	38.1	95.3	76.2	3/4-16 UNF-2B	38.1

Order Information

Load Rating	Part#	Est. Weight	Price
Welded-seal IP67			
1,000 lb		453.6 kg	
2,500 lb		1,134.0 kg	
4,000 lb		1,814.4 kg	
5,000 lb		2,268.0 kg	
10,000 lb		4,535.9 kg	
	33552	3 lb	Consult
	33553	3 lb	Consult
	33554	3 lb	Consult
	33555	5 lb	Consult
	33556	5 lb	Consult
Hermetically-sealed IP69K**			
1,000 lb		453.6 kg	
2,500 lb		1,134.0 kg	
4,000 lb		1,814.4 kg	
	33734	3 lb	Consult
	33735	3 lb	Consult
	33736	16 lb	Consult

*Conduit is recommended for maximum protection against the ingress of water and moisture through the cable entry

**IP69K hermetically sealed version have 1/2-14 NPT conduit adapters

