

Interchangeable Products

RICE LAKE WEIGHING SYSTEMS
RL70000 page 155

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS
EZ Mount 1 page 86

Specifications

- Full Scale Output:**
3.0 mV/V
- Output Resistance:**
700 (± 7) ohm
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- Material/Finish:**
High-alloy steel, nickel plated
- 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:**
5-10 VDC (15 V maximum)
- Non-repeatability:**
0.01% full scale
- Combined Error:**
0.025% full scale
- Insulation Resistance:**
5,000 megohms
- Deflection at Capacity:**
5,000 lb=0.02 in (0.5 mm)
10,000 lb=0.025 in (0.6 mm)
20,000 lb=0.042 in (1.1 mm)
30,000 lb-50,000 lb=0.02 in (0.5 mm)
60,000 lb=0.025 in (0.6 mm)
100,000 lb-150,000 lb=0.02 in (0.5 mm)
200,000 lb-250,000 lb=0.035 in (0.9 mm)
- Cable Length:**
30 ft (9.2 m)
- Cable Diameter:**
0.295 polyurethane jacket
- Cable Color Code:**
Red +Excitation
Black -Excitation
Green +Signal
White -Signal
- Warranty:**
One-year limited warranty
- Approvals:**
cFMus
NTEP

APPROVALS



Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	F	G	H	J	K	L
lb/in											
5,000-10,000	8.12	4.06	1.44	1.12	0.62	6.87	0.62	0.65	1.70	1.48	0.50
20,000	8.12	4.06	1.44	1.12	0.62	6.87	0.84	0.65	1.95	1.48	0.50
30,000-75,000	10.25	5.12	1.88	2.37	0.88	8.50	1.00	1.06	3.00	2.73	1.00
100,000	11.25	5.62	1.88	2.50	0.88	9.50	1.00	1.06	3.50	3.24	1.50
150,000	11.25	5.62	1.88	2.80	0.88	9.50	1.25	1.06	3.90	3.64	1.50
200,000-250,000	16.10	8.05	3.05	4.60	1.55	13.00	1.30	1.55	5.375	5.17	2.00
kg/mm											
2,268.0-4,535.9	206.3	103.1	36.6	28.5	15.8	174.4	15.8	16.5	43.2	37.6	12.7
9,071.9	206.3	103.1	36.6	14.2	21.3	174.4	21.3	16.5	49.5	37.6	12.7
13,607.8-27,215.6	260.4	130.1	47.8	60.2	22.4	215.9	25.4	26.9	76.2	69.3	25.4
45,359.4	285.8	142.8	47.8	63.5	22.4	241.3	25.4	26.9	88.9	82.3	25.4
68,093.1	285.8	142.8	47.8	63.5	22.4	241.3	31.8	26.9	99.1	92.5	38.1
90,718.7-113,398.4	408.9	204.5	77.5	116.8	39.4	330.2	33.0	39.3	136.5	131.3	50.8

Order Information

Load Rating	Part#	Est. Weight	Price
5,000 lb	34494	5 lb	Consult
10,000 lb	34495	5 lb	Consult
20,000 lb	34496	6 lb	Consult
30,000 lb	34497	19 lb	Consult
40,000 lb	34498	19 lb	Consult
50,000 lb	34499	19 lb	Consult
60,000 lb	34500	19 lb	Consult
75,000 lb	159506	19 lb	Consult
100,000 lb	34501	30 lb	Consult
150,000 lb	17292	35 lb	Consult
200,000 lb	17293	46 lb	Consult
250,000 lb	17294	92 lb	Consult

