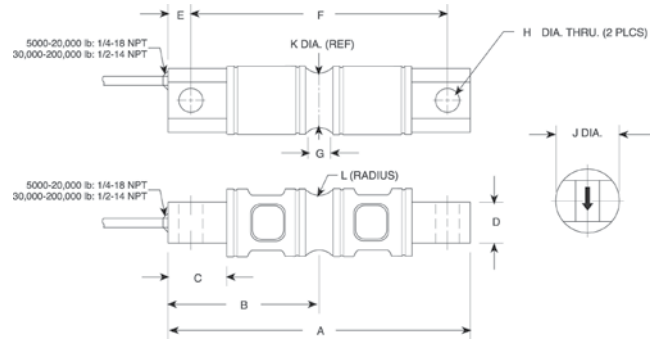


RL70000

Double-Ended Beam, Alloy Steel, NTEP Certified 1:10,000 Class IIIL Multiple Cell, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:

3.0mV/V

Output Resistance:

700 (± 5) ohms

Input Resistance:

770 (± 10) ohms

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

Safe Sideload:

100% full scale

Rated Excitation:

5-10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohms

Seal Type:

Environmentally sealed, IP67

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)
30,000-50,000 lb=0.02 in (.5 mm)
60,000 lb=0.025 in (0.6 mm)
100,000 lb=0.02 in (0.5 mm)

Cable Length:

30 ft (9.1 m)

Cable Diameter:

5,000 lb-20,000 lb=0.200
30,000 lb-250,000 lb=0.305

Cable Color Code:

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

Warranty:

Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	J	K	L
lb/inches											
5,000-10,000	8.12	4.06	1.44	1.12	0.62	6.88	0.62	0.66	1.70	1.48	0.50
20,000	8.12	4.06	1.44	1.12	0.62	6.88	0.84	0.66	1.95	1.48	0.50
30,000-60,000	10.25	5.12	1.88	2.37	0.88	8.50	1.00	1.06	3.20	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	1.00
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	1.56	5.38	5.17	2.00
kg/mm											
2,268.0-9,071.9	206.3	103.1	36.6	28.5	15.8	174.8	15.8	16.8	55.9	37.6	12.7
9,071.9	206.3	103.1	36.6	14.2	21.3	174.8	21.3	16.8	52.8	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	81.3	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
68,038.8	285.8	142.8	47.8	71.1	22.4	241.3	31.8	26.9	99.1	92.5	38.1
90,718.5-113,398	409.0	204.5	77.5	116.8	39.4	330.2	33.0	39.6	136.7	131.3	50.8

Order Information

LOAD RATING		PART #	EST. SHIPPING WEIGHT	PRICE
NTEP Certified				
5,000 lb	(2,268.0 kg)	36263	5 lb	\$655.00
10,000 lb	(4,535.9 kg)	36264	6 lb	655.00
20,000 lb	(9,071.9 kg)	36265	7 lb	655.00
30,000 lb	(13,607.8 kg)	36266	18 lb	755.00
40,000 lb	(18,143.7 kg)	36267	18 lb	755.00
50,000 lb	(22,679.6 kg)	36268	19 lb	755.00
60,000 lb	(27,215.5 kg)	36269	18 lb	755.00
100,000 lb	(45,359.2 kg)	36270	28 lb	1,475.00
150,000 lb	(68,038.8 kg)	36976	34 lb	1,475.00
200,000 lb	(90,718.5 kg)	36977		2,775.00
Non-NTEP				
250,000 lb	(113,398.0 kg)	36978		2,775.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
VPG Revere®	5103*	282
Artech®	70210	—
Mettler-Toledo	SLD 430	
VPG Celtron®	CSB	

*Conduit adapter optional

Weigh Module Available

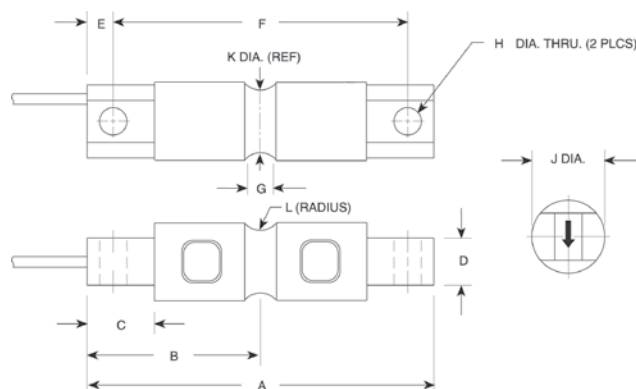
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	EZ Mount 1	84

RL70000SS

Double-Ended Beam, Stainless Steel, NTEP Certified 1:5000 Class III/1:10,000 IIIL Multiple Cell, IP67



Picture is a representation of actual product

**Specifications****Full Scale Output:**
3.0 mV/V**Output Resistance:**
700 (± 9) ohms**Input Resistance:**
700 (± 7) ohms**Material/Finish:**
Stainless steel**Temperature:**
Compensated range
0°F to 150°F/-18°C to 65°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 V AC/DC (15 V max)**Non-repeatability:**
0.02% full scale**Combined Error:**
0.03% 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)
30,000-50,000 lb=0.02 in (0.5 mm)
60,000 lb=0.025 in (0.6 mm)
100,000-150,000 lb=0.02 in (0.5 mm)**Seal Type:**
Environmentally sealed, IP67**Cable Length:**
5,000 lb-20,000 lb=18.6 ft (6 m)
30,000 lb-150,000 lb=30 ft (10 m)**Cable Diameter:**
0.295**Cable Color Code:**Red+ Excitation
Black.....- Excitation
Green+ Signal
White- Signal
Orange.....Shield**Warranty:**
Two-year limited warranty**Approvals:**Except
5,000 lb and
150,000 lb**Dimensions**

RATED CAPACITY	A	B	C	D	E	F	G	H	J	K	L
lb/inches											
5,000-10,000	8.12	4.06	1.44	1.12	0.62	6.88	0.62	0.66	1.70	1.48	0.50
20,000	8.12	4.06	1.44	1.12	0.62	6.88	0.84	0.66	1.95	1.48	0.50
30,000-60,000	10.25	5.12	1.88	2.37	0.88	8.50	1.00	1.06	3.20	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
kg/mm											
2,268.0-4,535.9	206.3	103.1	36.6	28.5	15.8	174.8	15.8	16.8	43.2	37.6	12.7
9,071.9	206.3	103.1	36.6	14.2	15.8	174.8	21.3	16.8	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	81.3	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	38.1
68,038.8	285.8	142.8	47.8	71.1	22.4	241.3	31.8	26.9	99.1	92.5	38.1

Order Information

LOAD RATING	PART #	EST. SHIPPING WEIGHT	PRICE
5,000 lb***	(2,268.0 kg)	30431	5 lb \$725.00
10,000 lb	(4,535.9 kg)	30432	5 lb 775.00
20,000 lb	(9,071.9 kg)	30433	6 lb 775.00
30,000 lb	(13,607.8 kg)	30434	22 lb 850.00
40,000 lb	(18,143.7 kg)	30435	22 lb 850.00
50,000 lb	(22,679.6 kg)	30436	22 lb 950.00
60,000 lb	(27,215.5 kg)	30437	22 lb 950.00
100,000 lb	(45,359.2 kg)	30444	30 lb 1,850.00
150,000 lb***	(68,038.9 kg)	30445	30 lb 1,850.00
Conduit Adapter Kit (must be factory installed to maintain warranty)			
3/8-24 to 1/4-18 NPT (5,000-20,000 lb)	31534*	1 lb	30.00
5/8-18 UNF / 1/2-14 NPT (30,000-150,000 lb)	31535**	1 lb	30.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL71000HE	151
VPG Revere®	9103	283
Mettler Toledo	SLD-530	

* On capacities of 5,000 lb to 20,000 lb, order PN 31534

** On capacities of 30,000 lb to 150,000 lb, order PN 51535

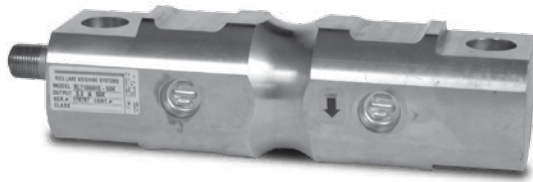
*** Non-NTEP Certified

Weigh Module Available

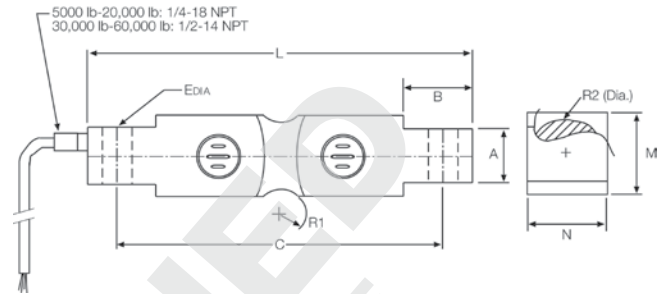
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	EZ Mount 1	84

RL71000HE

Double-Ended Beam, Stainless Steel, Hermetically Sealed, IP66/68



Picture is a representation of actual product



Specifications

Full Scale Output: 3.0 mV/V	Safe Overload: 200% full scale	Hysteresis: 0.05% full scale	Seal Type: Hermetically sealed, IP66/68
Bridge Resistance: 700 ohms, nominal with voltage applied*	Side Load: 100% full scale	Insulation Resistance: 5,000 megohms	Cable Length: 25 ft (7.6 m)
Material/Finish: Stainless steel	Rated Excitation: 6-15 VDC	Cable Color Code: Red+ Excitation Black.....- Excitation Green+ Signal White- Signal OrangeShield	Warranty: Two-year limited warranty
Temperature: Operating range -40° F to 150° F/-40° C to 65° C	Nonlinearity: 0.03% full scale	Approvals: 	

Dimensions

RATED CAPACITY	A	B	C	E	R1	R2 (DIA.)	L	M	N
lb/inches									
30,000-60,000	2.38	1.88	8.50	1.06	1.00	2.73	10.25	3.03	3.03
kg/mm									
13,608-27,216	60.4	47.7	215.9	26.9	25.4	69.3	260.3	76.96	76.96

Order Information

LOAD RATING		PART #	EST. SHIPPING WEIGHT	PRICE
30,000 lb	(13,608.0 kg)	42134	22 lb	\$1,695.00
50,000 lb	(22,679.6 kg)	42136	22 lb	1,695.00
60,000 lb	(27,216.0 kg)	42137	22 lb	1,695.00

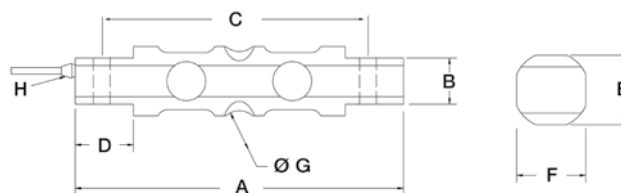
*Consult factory for IS applications

RL72010MH

Double-Ended Beam, Stainless Steel, Hermetically Sealed, IP68



Picture is a representation of actual product



Specifications

Full Scale Output:

3.0 mV/V, nominal

Bridge Resistance:

700 ohms, nominal

Material/Finish:

Stainless steel

Temperature:

Compensated range
0°F to 150°F/-18°C to 65°C
Operating range
-40°F to 150°F/-40°C to 65°C

Safe Overload:

150% full scale

Sideload:

100% full scale

Non Linearity:

0.03% full scale

Hysteresis:

0.05% full scale

Rated Excitation:

5-15 VDC

Insulation Resistance:

5,000 megohms

Cable Diameter:

0.190 polyurethane jacket

Cable Color Code:

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

Seal Type:

Hermetically sealed, IP68

Cable Length:

25 ft (7.6 m)

Warranty:

Two-year limited warranty

Approvals:


Dimensions

RATED CAPACITY	A	B	C	D	E	F	ØG	H
lb/inches								
5,000-20,000	8.12	1.14	6.88	1.44	1.71	1.71	1.00	1/4-18 NPT
30,000-60,000	10.25	2.38	8.50	1.88	3.03	3.03	2.00	1/2-14 NPT
kg/mm								
2,268-9,072	206.2	28.9	174.7	36.5	43.43	43.43	25.4	1/4-18 NPT
13,608-27,216	260.3	60.4	215.9	47.7	76.96	76.96	50.8	1/2-14 NPT

Order Information

LOAD RATING	PART #	EST. SHIPPING WEIGHT	PRICE
5000 lb (2,268.0 kg)	118462	5 lb	\$1,095.00
10,000 lb (4,535.9 kg)	118463	5 lb	1,095.00
20,000 lb (9,071.9 kg)	118464	5 lb	1,095.00
30,000 lb (13,607.8 kg)	118465	20 lb	1,495.00
40,000 lb (18,143.7 kg)	118466	20 lb	1,495.00
50,000 lb (22,679.6 kg)	118467	20 lb	1,495.00
60,000 lb (27,215.5 kg)	118468	20 lb	1,495.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL71000HE	151
Rice Lake Weighing Systems	RL70000SS	150
VPG Revere®	9103	283

Weigh Module Available

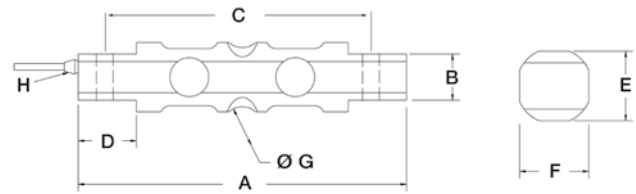
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	EZ Mount 1	84

NEW RL72015HE

Double-Ended Beam, Stainless Steel, Welded Seal, IP68



Picture is a representation of actual product



Specifications

Full Scale Output:

3.0 mV/V nominal

Bridge Resistance:

700 ohms, nominal

Material/Finish:

Stainless steel

Temperature:

Operating range
-40° F to 150° F/-40° C to 65° C

Safe Overload:

150% full scale

Side Load:

100% full scale

Rated Excitation:

5-10 VDC

Nonlinearity:

0.03% full scale

Hysteresis:

0.05% full scale

Insulation Resistance:

5,000 megohms

Cable Color Code:

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

Seal Type:

Welded seal, IP68

Cable Length:

30 ft (9.1 m)

Warranty:

Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	
lb/inches									
5,000-20,000	8.12	1.12	6.88	1.44	1.7	1.7	1.00	0.66	1/4-18 NPT
30,000-60,000	10.25	48.5	8.5	1.88	3.00	3.00	2.00	1.06	1/2-14 NPT
kg/mm									
2,268.0-9,072	206.2	2.38	174.6	36.5	43.2	43.2	25.4	16.7	1/4-18 NPT
13,608-27,216	260.4	60.5	215.9	47.7	76.2	76.2	50.8	26.9	1/2-14 NPT

Order Information

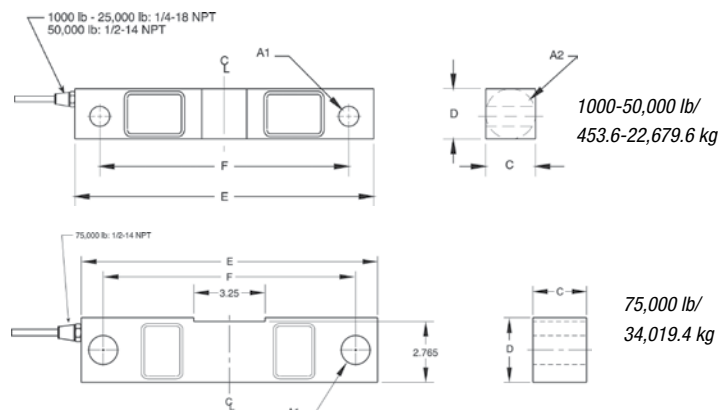
LOAD RATING	PART #	EST. SHIPPING WEIGHT	PRICE
5,000 lb (2268.0 kg)	171948	5 lb	\$995.00
10,000 lb (4539.8 kg)	171949	5 lb	995.00
20,000 lb (9071.0 kg)	171950	5 lb	995.00
30,000 lb (13,607.8 kg)	171956	20 lb	1,295.00
40,000 lb (18,143.9 kg)	171951	20 lb	1,295.00
50,000 lb (22,679.6 kg)	171952	20 lb	1,295.00
60,000 lb (27,215.5 kg)	171953	20 lb	1,295.00

RL75016

Double-Ended Beam, Alloy Steel, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

700 (± 5) ohms

Input Resistance:

770 (± 10) ohms

Material/Finish:

High-alloy steel, nickel plated

Temperature:

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:

1,000 lb-3,000 lb=0.01 in (0.3 mm)
5,000 lb=0.015 in (0.4 mm)
10,000-20,000 lb=0.022 in (0.6 mm)
25,000 lb=0.036 in (0.9 mm)
50,000 lb=0.052 in (1.3 mm)
75,000 lb=0.07 in (1.8 mm)

Hysteresis:

0.02% full scale

Insulation Resistance:

5,000 megohms

Seal Type:

Environmentally sealed, IP67

Cable Length:

25 ft (7.6 m)

Cable Diameter:

1,000 lb-25,000 lb=0.200 polyurethane jacket
50,000 lb-75,000 lb=0.305 polyurethane jacket

Cable Color Code:

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

Warranty:

Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A1	A2	C	D	E	F
lb/inches						
1,000-5,000	0.50	1.25	1.25	1.25	7.50	6.25
10,000-25,000	0.81	1.99	1.44	1.94	8.75	7.50
50,000	1.31	3.00	2.44	2.94	13.50	11.50
75,000	1.31	—	2.44	2.94	13.50	11.50
kg/mm						
453.6-2,268.0	12.7	31.8	31.8	31.8	190.5	158.8
4,535.9-11,339.8	20.6	50.8	36.6	49.3	222.3	190.5
22,679.6	33.3	76.2	62.0	74.7	342.9	292.1
34,019.4	33.3	—	62.0	74.7	342.9	292.1

Order Information

LOAD RATING	PART #	EST. SHIPPING WEIGHT	PRICE
1,000 lb (453.6 kg)	17300	4 lb	\$525.00
1,500 lb (680.4 kg)	17302	4 lb	525.00
2,000 lb (907.2 kg)	17304	4 lb	525.00
2,500 lb (1,134.0 kg)	17306	4 lb	525.00
3,000 lb (1,360.8 kg)	17308	4 lb	525.00
5,000 lb (2,268.0 kg)	17309	4 lb	525.00
10,000 lb (4,535.9 kg)	17311	7 lb	600.00
15,000 lb (6,803.9 kg)	17313	7 lb	600.00
20,000 lb (9,071.9 kg)	17315	7 lb	600.00
25,000 lb (11,339.8 kg)	17317	7 lb	600.00
50,000 lb (22,679.6 kg)	17319	25 lb	925.00
75,000 lb* (34,019.4 kg)	25357	25 lb	925.00

*75,000 lb capacity has a square center

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
VPG Celtron®	DSR	208
VPG Scentroidics®	65016	318
VPG Revere®	5203	—

Weigh Module Available

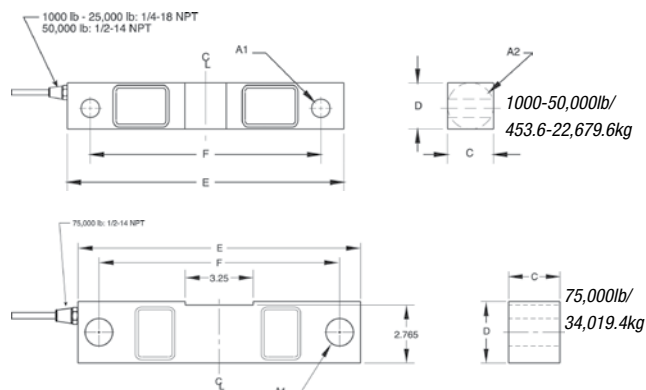
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL1600 Series	92

RL75016SS

Double-Ended Beam, Stainless Steel, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:
3.0 mV/V

Output Resistance:
700 (± 5) ohms

Input Resistance:
770 (± 10) ohms

Material/Finish:
Stainless steel

Temperature:
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:
0.07% full scale

Hysteresis:
0.02% full scale

Cable Diameter:
1,000 lb-25,000 lb=0.200
polyurethane jacket
50,000 lb-75,000 lb=0.305
polyurethane jacket

Deflection at Capacity:
1,000 lb-3,000 lb=0.01 in (0.3 mm)
5,000 lb=0.015 in (0.4 mm)
10,000 lb-20,000 lb=0.022 in
(0.6 mm)
25,000 lb=0.036 in (0.9 mm)
50,000 lb=0.052 in (1.3 mm)
75,000 lb=0.07 in (1.8 mm)

Insulation Resistance:
5,000 megohms

Seal Type:
Environmentally sealed, IP67

Cable Length:
25 ft (7.6 m)

Cable Color Code:

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

Warranty:
Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A1	A2	C	D	E	F
lb/inches						
1,000-5,000	0.50	1.25	1.25	1.25	7.50	6.25
10,000-25,000	0.81	1.99	1.44	1.94	8.75	7.50
50,000	1.31	3.00	2.44	2.94	13.50	11.50
75,000	1.31	—	2.44	2.94	13.50	11.50
kg/mm						
453.6-2,268.0	12.7	31.8	31.8	31.8	190.5	158.8
4,535.9-11,339.8	20.6	50.8	36.6	49.3	222.3	190.5
22,679.6	33.3	76.2	62.0	74.7	342.9	292.1
34,019.4	33.3	—	62.0	74.7	342.9	292.1

Order Information

LOAD RATING	PART #	EST. SHIPPING WEIGHT	PRICE
1,000 lb (453.6 kg)	17301	4 lb	\$550.00
1,500 lb (680.4 kg)	17303	4 lb	550.00
2,000 lb (907.2 kg)	17305	4 lb	550.00
2,500 lb (1,134.0 kg)	17307	4 lb	550.00
5,000 lb (2,268.0 kg)	17310	4 lb	550.00
10,000 lb (4,535.9 kg)	17312	7 lb	625.00
15,000 lb (6,803.9 kg)	17314	7 lb	625.00
20,000 lb (9,071.9 kg)	17316	7 lb	625.00
25,000 lb (11,334.8 kg)	17318	7 lb	625.00
50,000 lb (22,679.6 kg)	17320	25 lb	1,225.00
75,000 lb* (34,019.4 kg)	25356	27 lb	1,225.00

*75,000 lb capacity has a square center

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL75016 WHE*	157
VPG Sensitive Systems	65016W	319
VPG Sensitive Systems	65016WH*	320
VPG Reverse	9203	—
VPG Celtron	DSR-HSS	209

*Hermetically sealed

Weigh Module Available

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL1600 Series	92 and 94

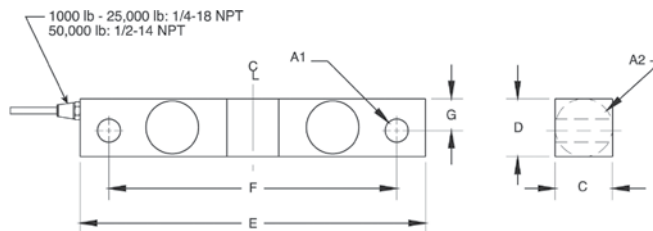
NEW

RL75016SS-W

Double-Ended Beam, Stainless Steel, Welded Seal IP67



Picture is a representation of actual product



Specifications

Full Scale Output:
3.0 mV/V

Output Resistance:
700 (± 5) ohms

Input Resistance:
770 (± 10) ohms

Material/Finish:
Stainless steel

Temperature:
Operating range
-40° F to 150° F / -40° C to 65° C

Safe Overload:
100% full scale

Rated Excitation:
5-10 VDC (15 V max)

Hysteresis:
0.02% full scale

Linearity:
0.03% full scale

Seal Type:
Environmentally welded seal, IP67

Cable Length:
25 ft (7.6 m)

Cable Color Code:
Red + Excitation
Black..... - Excitation
Green..... + Signal
White - Signal

Warranty:
Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A1	A2	C	D	E	F	G
lb/inches							
1,000-5,000	0.50	1.25	1.25	1.25	7.50	6.25	0.69
10,000-25,000	0.81	1.99	1.44	1.94	8.75	7.50	0.96
50,000	1.31	3.00	2.44	2.94	13.50	11.50	1.50
kg/mm							
453.6-2,268.0	12.7	31.8	31.8	31.8	190.5	158.8	17.5
4535.9-11,339.8	20.6	50.8	36.6	49.3	222.3	190.5	24.4
22,679.7	33.3	76.2	62.0	74.7	342.9	292.1	38.1

Order Information

LOAD RATING	PART #	EST. SHIPPING WEIGHT	PRICE
1,000 lb (453.6 kg)	168114	4 lb	\$595.00
5,000 lb (2,268.0 kg)	168115	4 lb	595.00
10,000 lb (4,535.9 kg)	168116	7 lb	675.00
15,000 lb (6,803.9 kg)	168117	7 lb	675.00
20,000 lb (9,071.9 kg)	168118	7lb	675.00
25,000 lb (11,339.8 kg)	168119	7 lb	675.00
50,000 lb (22,679.6 kg)	168120	25 lb	1,295.00

Interchangeable Products

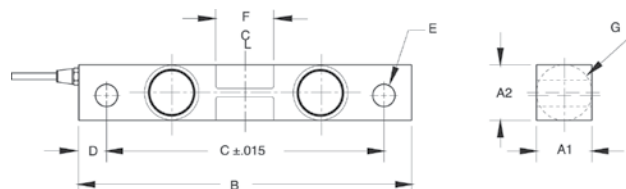
MANUFACTURER	MODEL
VPG Celtron®	DSR-HSS
Rice Lake Weighing Systems	RL75016SS

RL75016 WHE

Double-Ended Beam, Stainless Steel, Hermetically Sealed, IP69K



Picture is a representation of actual product



Specifications

Full Scale Output:

3.0mV/V

Output Resistance:

699-707 ohms

Input Resistance:

686-714 ohms

Material/Finish:

Stainless steel

Temperature:

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)

Total Error:

0.03% full scale

Insulation Resistance:

2,000 megohms

Seal Type:

Hermetically sealed, IP69K

Cable Length:

25 ft (7.6 m)

Cable Diameter:

0.200 polyurethane jacket

Cable Color Code:

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

Warranty:

Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A1	A2	B	C	D	E	F	G	CONDUIT ADAPTER
lb/inches									
1,000-5,000	1.22	1.22	7.50	6.25	0.62	0.50	1.12	1.25	1/2-14 NPT
10,000-25,000	1.44	1.94	8.75	7.50	0.62	0.81	1.62	1.99	1/2-14 NPT
kg/mm									
453.6-2,268.0	31.0	31.0	190.5	158.8	15.7	12.7	28.4	31.8	—
4,535.9-11,339.8	36.6	49.3	222.3	190.5	15.7	20.6	41.1	50.5	—

Order Information

LOAD RATING		PART #	EST. SHIPPING WEIGHT	PRICE
1,000 lb	(453.6 kg)	67043	4 lb	\$695.00
1,500 lb	(680.4 kg)	67044	4 lb	695.00
2,000 lb	(907.2 kg)	67045	4 lb	695.00
2,500 lb	(1,124.0 kg)	67046	4 lb	695.00
5,000 lb	(2,268.0 kg)	67047	4 lb	695.00
10,000 lb	(4,535.9 kg)	67048	7 lb	785.00
15,000 lb	(6,803.9 kg)	67049	7 lb	785.00
20,000 lb	(9,071.8 kg)	67050	7 lb	785.00
25,000 lb	(11,339.8 kg)	67051	7 lb	785.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL75016SS*	155
VPG Sensortronics®	65016W	310
VPG Sensortronics®	65016WH	320

*Environmentally sealed, IP67

Weigh Module Available

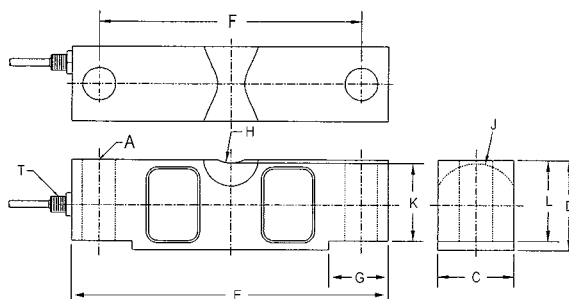
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL1600 Series	92 and 94

RL75058

Double-Ended Beam, Alloy Steel, NTEP Certified 1:10,000 Class III Multiple Cell, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:
3.0 mV/V

Output Resistance:
700 (± 5) ohms

Input Resistance:
770 (± 10) ohms

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

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:
35 ft (10.6 m)

Cable Diameter:
0.200 polyurethane jacket 10,000 lb-
25,000 lb
0.305 polyurethane jacket 40,000 lb-
125,000 lb

Cable Coloring:

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

Warranty:

Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A	C	D	E	F	G	H	J	K	L	T
lb/inches											
10,000-25,000	0.68	1.69	1.94	7.75	6.50	1.38	0.75	0.90	1.63	1.70	1/4-18 NPT
40,000	0.81	1.94	2.44	10.25	8.50	1.93	1.00	1.12	2.00	2.10	1/4-18 NPT
50,000-75,000	1.06	2.44	2.94	10.25	8.50	1.93	1.00	1.37	2.54	2.65	1/2-14 NPT
100,000-125,000	1.62	2.90	3.86	15.25	12.75	3.13	1.50	1.80	3.30	3.43	1/2-14 NPT
kg/mm											
4,536.1-11,339.8	17.3	42.9	49.3	196.9	165.1	35.1	19.1	22.9	41.4	43.2	1/4-18 NPT
18,143.7	20.6	49.3	62.00	260.4	215.9	49.00	25.4	28.5	50.8	53.3	1/4-18 NPT
22,679.6-34,019.4	26.9	62.00	74.7	260.4	215.9	49.00	25.4	34.8	64.5	67.3	1/2-14 NPT
45,359.4-56,699.1	41.2	737.00	980	387.4	323.9	79.5	38.1	45.7	83.8	87.1	1/2-14 NPT

Order Information

LOAD RATING		PART #	EST. SHIPPING WEIGHT	PRICE
NTEP Certified 1:10,000				
20,000 lb	(9,071.9 kg)	34314	8 lb	\$635.00
25,000 lb	(11,339.8 kg)	34315	8 lb	635.00
40,000 lb	(18,143.7 kg)	34316	13 lb	760.00
50,000 lb	(22,679.6 kg)	34317	19 lb	835.00
60,000 lb	(27,215.5 kg)	34318	19 lb	835.00
75,000 lb	(34,019.4 kg)	34319	19 lb	835.00
100,000 lb	(45,359.4 kg)	34320	40 lb	1,575.00
125,000 lb	(56,699.1 kg)	34321	40 lb	1,575.00
Non-NTEP Certified				
10,000 lb	(4536.0 kg)	41890		615.00
60 ft Cables				
50,000 lb	(22,679.6 kg)	53417	18.3 lb	895.00
75,000 lb**	(34,019.4 kg)	39516	18.87 lb	895.00
75,000 lb*	(34,019.4 kg)	73839	19.3 lb	995.00
125,000 lb	(45,359.4 kg)	96944	40 lb	1,625.00
100' Cable				
75,000 lb	(34,019.4 kg)	74725	21 lb	995.00

*Stainless steel overbraid cable

**Used in Rice Lake truck scales

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
VPG Sentsortronics®	65058A	321
VPG Celtron®	CLB	211

Weigh Module Available

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	2100HE	42
Rice Lake Weighing Systems	MVS	96
Rice Lake Weighing Systems	TSA	98

Replacement Load Cells for RL75058 Class III Rice Lake Coil Scale

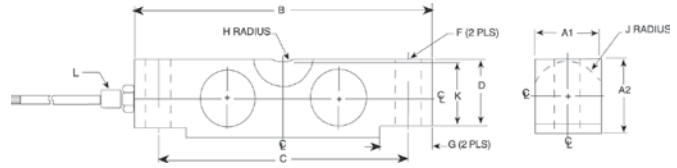
LOAD RATING	PART #	EST. SHIPPING WEIGHT	PRICE
20,000 lb	121439		\$635.00
25,000 lb	121440	7.5 lb	635.00
40,000 lb	121441	13 lb	760.00
50,000 lb	121442	10 lb	835.00
60,000 lb	121443		835.00
75,000 lb	121444	20 lb	835.00

RL75060S

Double-Ended Beam, Stainless Steel, Welded-seal, IP67, NTEP Certified 1:5000 III/1:10,000 Class IIIL Multiple Cell



Picture is a representation of actual product



Specifications

Full Scale Output:
3.0mV/V

Output Resistance:
699-707 ohms

Input Resistance:
686-714 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

Hysteresis:
0.02% full scale

Insulation Resistance:
1,000 megohms

Seal Type:
Welded-seal, IP67

Cable Length:
35 ft (10.6 m)

Cable Diameter:
0.200 polyurethane jacket 20,000 lb-
25,000 lb
0.305 polyurethane jacket 35,000 lb-
100,000 lb

Cable Coloring:

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

Warranty:
Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	F	A1	A2	B	C	G	H	J	K	D	L
lb/inches											
20,000-25,000	0.68	1.69	1.94	7.75	6.50	1.38	0.75	0.90	1.63	1.70	1/4-18 NPT
35,000-75,000	1.06	2.44	2.94	10.25	8.50	1.93	1.00	1.37	2.54	2.65	1/2-14 NPT
100,000	1.06	2.44	3.44	10.25	8.50	1.93	1.00	1.37	2.54	2.65	1/2-14 NPT
kg/mm											
9,071.9	17.3	42.9	49.3	196.9	165.1	35.1	19.1	22.9	41.4	43.2	1/4-18 NPT
15,875.7-34,019.4	26.9	62.0	74.7	260.4	215.9	49.0	25.4	34.8	64.5	67.3	1/2-14 NPT
45,359.4	26.9	62.0	87.4	260.4	215.9	49.0	25.4	34.8	64.5	67.3	1/2-14 NPT

Order Information

LOAD RATING	PART #	EST. SHIPPING WEIGHT	PRICE
20,000 lb (9,071.9 kg)	53481	6 lb	\$875.00
25,000 lb (11,339.8 kg)	50559	6 lb	875.00
35,000 lb (15,875.7 kg)	50560	19 lb	1,095.00
50,000 lb (22,679.6 kg)	50561	19 lb	1,095.00
60,000 lb (27,215.5 kg)	50562	19 lb	1,095.00
75,000 lb (34,019.4 kg)	50563	19 lb	1,095.00
100,000 lb (45,359.4 kg)	50564	19 lb	2,295.00
60 ft Cable			
25,000 lb (11,339.8 kg)	157931	6 lb	925.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
VPG Sensortronics®	65058S	322

Weigh Module Available

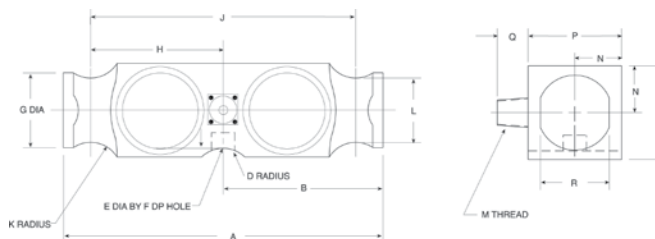
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	2100HE	42
Rice Lake Weighing Systems	MVS	96
Rice Lake Weighing Systems	TSA	98

RL75223

Double-Ended Beam, Alloy Steel, Welded-seal, IP67, NTEP Certified 1:10,000 Class IIIL Multiple Cell



Picture is a representation of actual product



Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

699-707 ohms

Input Resistance:

686-714 ohms

Material/Finish:

High-alloy 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)

Non-repeatability:

0.01% full scale

Combined Error:

0.03% full scale

Insulation Resistance:

5,000 megohms

Deflection at Capacity:

50,000 lb=0.018 in (0.5 mm)
65,000 lb=0.022 in (0.6 mm)
100,000 lb=0.034 in (0.9 mm)

Seal Type:

Welded-seal strain gauge, IP67

Cable Length:

40 ft (12.2 m)
PN 107583 60 ft (18.2 m)

Cable Diameter:

0.305 polyurethane jacket

Cable Color Code:

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

Warranty:

Two-year limited warranty

Approvals:

Dimensions

RATED CAPACITY	A	B	D	E	F	G	H	J	K	L	M	N	P	Q	R
lb/inches															
50,000-65,000	10.25	5.12	1.00	0.75	0.78	2.40	4.25	8.50	1.00	2.06	1/2-14 NPT	1.50	3.00	1.03	2.20
100,000	10.25	5.12	1.00	—	—	2.40	4.25	8.50	1.00	2.06	1/2-14 NPT	1.50	3.00	1.03	2.20
kg/mm															
22,679.6-29,483.5	260.4	130.1	25.4	19.1	19.8	61.0	108.0	215.9	25.4	5.2	1/2-14 NPT	38.1	76.2	26.2	55.9
45,359.2	260.4	130.1	25.4	—	—	61.0	108.0	215.9	25.4	5.2	1/2-14 NPT	38.1	76.2	26.2	55.9

Order Information

LOAD RATING		PART #	EST. SHIPPING WEIGHT	PRICE
50,000 lb**	(22,679.6 kg)	107583	21 lb	\$925.00
50,000 lb	(22,679.6 kg)	21611	20 lb	850.00
65,000 lb	(29,483.5 kg)	21612	20 lb	850.00
100,000 lb	(45,359.2 kg)	21613	21 lb	1,200.00

**60 ft of cable

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
VPG Revere®	5223	284
Artech®	80210	—
Thurman®	TSC 800	—
VPG Sensortronics®	65040A-XX-1127W	—
Unibridge®	DL9000	—

Weigh Module Available

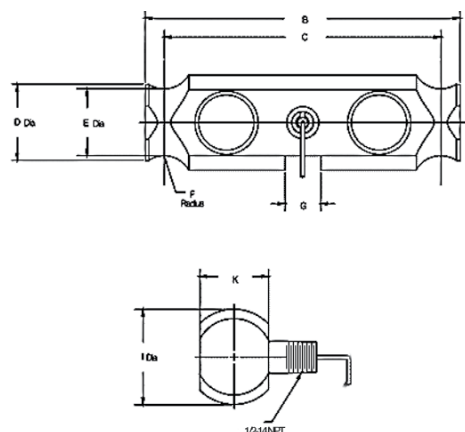
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	Translink	100

RLDB50000S

Double-Ended Beam, Stainless Steel, NTEP Certified 1:10000 IIIIL Multiple Cell, Welded-seal, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:

2±0.1% mV/V

Output Resistance:

686-714 ohms

Input Resistance:

699-707 ohms

Material/Finish:

Stainless steel

Temperature:

Compensated Range
14°F-104°F/-10°C-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 DC maximum)

Non-repeatability:

0.01% full scale

Combined Error:

0.03% full scale

Insulation Resistance:

5,000 megohms

Deflection at Capacity:

50,000 lb=0.01 in (0.38 mm)

Seal Type:

Environmentally sealed, NEMA Type
6P/IP67

Cable Length:

35 ft (10.6 m)

Cable Diameter:

0.305 polyurethane jacket

Cable Color Code:

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

Warranty:

Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	B	C	D	E	F	G	K	I
lb/inches								
50,000 lb	8.25	7.25	2.00	1.76	0.75	0.93	1.8	2.5
kg/mm								
22,679.6	209.55	184.15	50.8	44.7	19.00	23.6	45.72	63.50

Order Information

LOAD RATING	PART #	EST. SHIPPING WEIGHT	PRICE
50,000 lb	(22,679.6 kg) 91765	10 lb	\$1,195.00

Interchangeable Products

MANUFACTURER	MODEL
Cardinal®	DB50000S