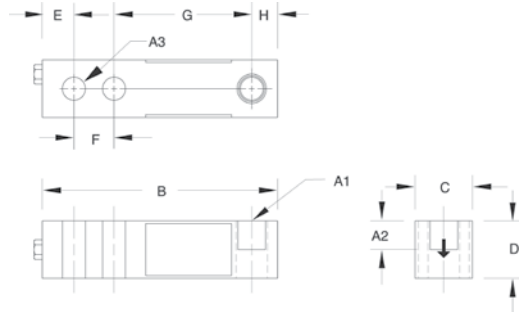


RL30000

Single-Ended Beam, Alloy Steel, NTEP Certified 1:5000 IIL Class III Multiple Cell, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:

3.0 mV/V

Bridge Resistance:

350 ohms, nominal

Material/Finish:

High-alloy steel, nickel plated

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

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

Rated Excitation:

5-10 VDC (15 V maximum)

Nonlinearity:

0.03% full scale

Hysteresis:

0.02% full scale

Insulation Resistance:

5,000 megohms

Deflection at Capacity:

250 lb to 1,000 lb=0.013 in (0.33 mm)
2,000 lb to 3,000 lb=0.015 in (0.38 mm)
4,000 lb to 5,000 lb=0.025 in (0.64 mm)
10,000 lb=0.032 in (0.81 mm)
15,000 lb to 20,000 lb=0.038 in (0.97 mm)

Cable Length:

20 ft (6.1 m)

Cable Diameter:

0.200 polyurethane jacket

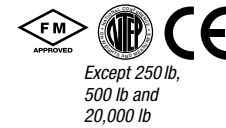
Cable Color Code:

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

Warranty:

Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A1*	A2†	A3*	B	C	D	E	F	G	H
lb/inches										
250-5,000 SE**	1/2-20 UNF-2B	0.60	0.53	5.12	1.25	1.25	0.62	1.00	3.00	0.50
5,000 LE***-10,000	3/4-16 UNF-2B	0.75	0.78	6.75	1.50	1.50	0.75	1.50	3.75	0.75
20,000	1-12 UNF-2B	1.00	1.03	8.75	2.00	2.00	1.00	2.00	4.75	1.00
kg/mm										
113.4-2,268 SE**	1/2-20 UNF-2B	15.2	13.5	130.1	31.8	31.8	15.8	25.4	76.2	12.7
2,268.0 LE***-4,535.9	3/4-16 UNF-2B	19.1	19.8	171.5	38.1	38.1	19.1	38.1	95.3	19.1
9,071.9	1-12 UNF-2B	25.4	26.2	222.3	50.8	50.8	25.4	50.8	120.7	25.4

Order Information

LOAD RATING	PART #	EST. SHIPPING WEIGHT	PRICE
RL30000 NTEP Certified, Threaded-Hole Design			
1,000 lb (453.6 kg)	21491	3 lb	\$295.00
2,000 lb (907.2 kg)	21493	3 lb	295.00
2,500 lb (1134.0 kg)	21495	3 lb	295.00
3,000 lb (1360.8 kg)	21497	3 lb	295.00
4,000 lb (1814.4 kg)	21498	3 lb	295.00
5,000 lb SE** (2268.0 kg)	21500	3 lb	295.00
5000 lb LE*** (2268.0 kg)	21501	5 lb	375.00
10,000 lb (4535.9 kg)	21503	5 lb	375.00
RL30000 Non-NTEP Certified, Threaded-Hole Design			
250 lb (113.4 kg)	17341	3 lb	295.00
500 lb (226.8 kg)	17342	3 lb	295.00
20,000 lb (9071.9 kg)	17109	10 lb	645.00
Conduit Adapter Kit (must be factory installed to maintain warranty)			
3/8-24 nipple	31533****	1 lb	30.00
3/8-24 to 1/4-18 NPT	31534****	1 lb	30.00

*Dimension A1 is identical to A3 on the RL30002 thru-Hole model

**SE refers to small envelope

***LE refers to large envelope

****PN 31533 and PN 31534 must be installed together to form the Conduit Adapter Kit.

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Threaded-hole design	—	—
VPG Revere®	5123	273
VPG Tedeo-Huntleigh®	3411	334
Artech®	30310	—

Weigh Module Available

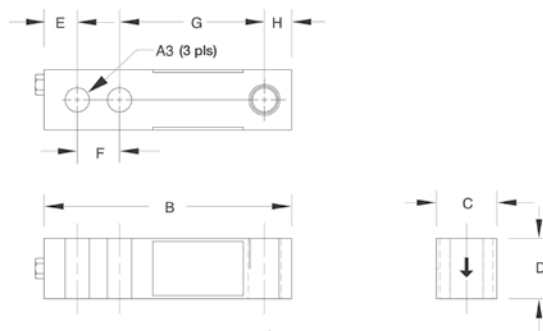
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL50210 TA	52
Rice Lake Weighing Systems	RL1800 Series	62

RL30002 Thru Hole

Single-Ended Beam, Alloy Steel, NTEP Certified 1:5000 IIIL Class III Multiple Cell, IP67



Picture is a representation of actual product



Specifications

Full Scale Output: 3.0 mV/V	Seal Type: Environmentally sealed, IP67	Hysteresis: 0.02% full scale	Cable Diameter: 200 polyurethane jacket
Bridge Resistance: 350 ohms, nominal	Safe Overload: 150% full scale	Insulation Resistance: 5,000 megohms	Cable Color Code: Red+ Excitation Black.....- Excitation Green+ Signal White- Signal
Material/Finish: High-alloy steel, nickel plated	Safe Sideload: 100% full scale	Deflection at Capacity: 1,000 lb=0.013 in (0.33 mm) 2,000 lb to 3,000 lb=0.015 in (0.38 mm) 4,000 lb to 5,000 lb=0.025 in (0.64 mm)	Warranty: Two-year limited warranty
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	Rated Excitation: 5-10 VDC (15 V maximum)	Cable Length: 20 ft (6.1 m)	Approvals:   
	Nonlinearity: 0.03% full scale		

Dimensions

RATED CAPACITY	A3*	B	C	D	E	F	G	H
lb/inches								
1,000-5,000 SE**	0.53	5.12	1.25	1.25	0.62	1.00	3.00	0.50
kg/mm								
113.4-2,268.0 SE**	13.5	130.1	31.8	31.8	15.8	25.4	76.2	12.7

Order Information

LOAD RATING	PART #	EST. SHIPPING WEIGHT	PRICE
RL30002 NTEP Certified, Thru-Hole Design			
1,000 lb (453.6 kg)	21521	3 lb	\$295.00
2,000 lb (907.2 kg)	21522	3 lb	295.00
2,500 lb (1,134.0 kg)	21523	3 lb	295.00
4,000 lb (1,814.4 kg)	21524	3 lb	295.00
5,000 lb SE* (2,268.0 kg)	21525	3 lb	295.00
Conduit Adapter Kit (must be factory installed to maintain warranty)			
3/8-24 nipple	31533***	1 lb	30.00
3/8-24 to 1/4-18 NPT	31534***	1 lb	30.00

* Dimension A1 is identical to A3 on the RL30002 thru-hole model

** SE refers to small envelope

*** PN 31533 and PN 31534 must be installed together to form the Conduit Adapter Kit

Interchangeable Products

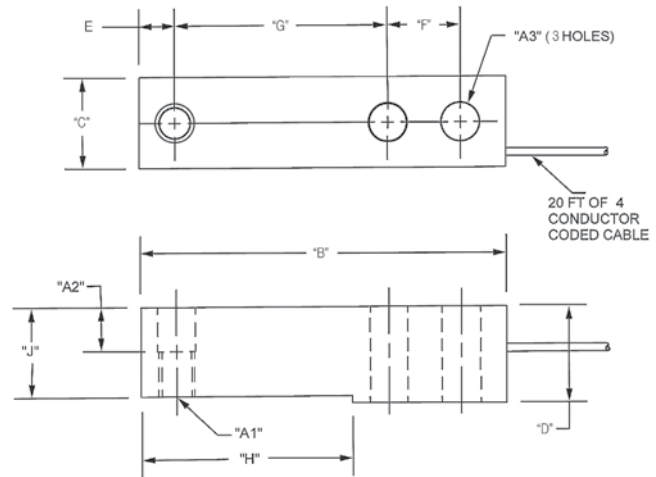
MANUFACTURER	MODEL	PAGE #
Threaded-hole design	—	—
VPG Tedeia-Huntleigh®	3410	—
Artech®	30210	—

RLH35

Single-Ended Beam, Stainless Steel, NTEP Certified 1:5000 Class IIIL Multiple Cell, Welded-seal, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:
3.0 mV/V

Bridge Resistance:
350 ohms, nominal

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

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

Nonlinearity:
0.17% full scale

Hysteresis:
0.17% full scale

Insulation Resistance:
5,000 megohms

Seal Type:
Welded-seal, IP67

Cable Length:
20 ft (6.1 m)

Cable Diameter:
0.190 polyurethane jacket

Deflection at Capacity:
500 lb to 5,000 lb=0.02 in
(0.508 mm)

Cable Color Code:

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

Warranty:
Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A1	A2	A3	C	D	B	E	F	G	H
lb/inches										
500-5,000	1/2-20 UNF-2B	0.62	0.53	1.21	1.19	5.12	0.50	1.00	3.00	2.85
kg/mm										
453.6-2,268.0	1/2-20 UNF-2B	15.8	13.5	30.7	30.2	130.05	12.7	25.4	76.2	72.4

Order Information

LOAD RATING		PART #	EST. SHIPPING WEIGHT	PRICE
500 lb	(226.8 kg)	106038	4 lb	\$385.00
1,000 lb	(453.6 kg)	106039	4 lb	385.00
2,500 lb	(1,134.0 kg)	106040	4 lb	385.00
4,000 lb	(1,814.4 kg)	106041	4 lb	385.00
5,000 lb	(2,268.0 kg)	106042	5 lb	385.00

Interchangeable products

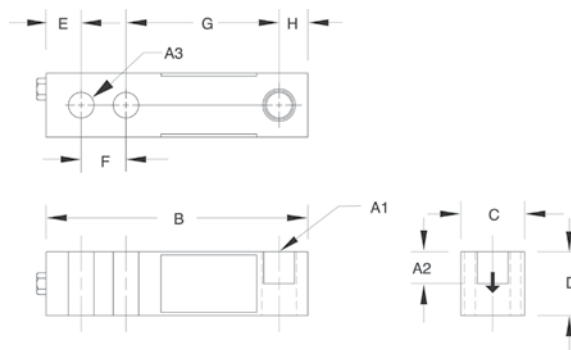
MANUFACTURER	PART #	PAGE #
Mettler Toledo®		
500 lb-8 ft cable	TB601019-008	-
1,000 lb-20 ft cable	TB601016-020	-
2,500 lb-8 ft cable	TB601016-008	-
4,000 lb-20 ft cable	TB601017-020	-
5,000 lb-8 ft cable	TB601018-008	-
HBM®		
HBM	H35	244

RL39123

Single-Ended Beam, Stainless Steel



Picture is a representation of actual product



Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

349-355 ohms

Input Resistance:

343-357 ohms

Material/Finish:

Stainless steel

Temperature:

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

Seal Type:

Environmentally sealed

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

Deflection at Capacity:

250 lb-1,000 lb=0.013 in (0.33 mm)
2,000 lb-3,000 lb=0.015 in (0.38 mm)
4,000 lb-5,000 lb=0.025 in (0.64 mm)
10,000 lb=0.32 in (0.81 mm)
15,000 lb-20,000 lb=0.038 in (0.97 mm)

Cable Length:

20 ft (6.1 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	A3	B	C	D	E	F	G	H
lb/inches										
250-4,000	1/2-20 UNF-2B	0.60	0.53	5.12	1.25	1.25	0.62	1.00	3.00	0.50
5,000-10,000	3/4-16 UNF-2B	0.75	0.78	6.75	1.50	1.50	0.75	1.50	3.75	0.75
kg/mm										
113.4-1,814.4	1/2-20 UNF-2B	15.2	13.5	130.1	31.8	31.8	15.8	25.4	76.2	12.7
2,268.0-4,535.9	3/4-16 UNF-2B	19.1	19.8	171.5	38.1	38.1	19.1	38.1	95.3	19.1
6,803.9	1-12 UNF-2B	25.4	26.2	222.3	50.8	50.8	25.4	50.8	120.7	25.4

Order Information

LOAD RATING		PART #	EST. SHIPPING WEIGHT	PRICE
250 lb	(113.4 kg)	17386	3 lb	\$350.00
500 lb	(226.8 kg)	17387	3 lb	350.00
1,000 lb	(453.6 kg)	17189	3 lb	350.00
2,500 lb	(1,134.0 kg)	17191	3 lb	350.00
4,000 lb	(1,814.4 kg)	17193	3 lb	350.00
5,000 lb	(2,268.0 kg)	17194	5 lb	420.00
10,000 lb	(4,535.9 kg)	17195	5 lb	420.00
Conduit Adapter Kit (must be factory installed to maintain warranty)				
3/8-24 nipple		31533*	1 lb	30.00
3/8-24 to 1/4-18 NPT		31534*	1 lb	30.00

* PN 31533 and PN 31534 must be installed together to form the Conduit Adapter Kit

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
VPG Revere®	9123	274
Artech®	SS30310	—
HBM®	B35	243

Weigh Module Available

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL50210 TA	52
Rice Lake Weighing Systems	RL1800 Series	62

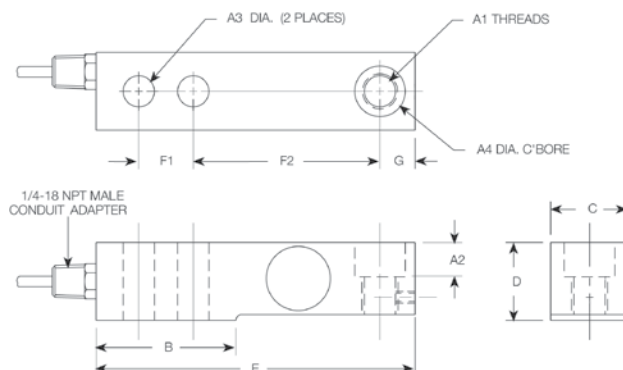
RL30745

Single-Ended Beam, Stainless Steel, Welded-seal, IP67, NTEP Certified 1:5000 Class III Multiple



500 lb model

Picture is a representation of actual product



Specifications

Full Scale Output:

2.0mV/V

Bridge Resistance:

350 ohms, nominal

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)

Combined Error:

0.03%

Non-repeatability:

0.01% full scale

Insulation Resistance:

5,000 megohms

Seal Type:

Welded-seal, IP67

Cable Length:

30 ft (9.1 m) or
15 ft (4.6 m)

Cable Diameter:

0.190 polyurethane jacket

Deflection at Capacity:

500 lb-2,500 lb=0.010 in (0.254 mm)
5,000 lb-10,000 lb=0.012 in
(0.3048 mm)

Cable Color Code:

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

Warranty:

Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	I	K	L
lb/inches											
500-4,000	1.20	3.00	1.00	0.63	0.68	0.507	0.189	0.500	5.25	1.22	2.27
5,000	1.46	3.00	1.00	0.63	0.92	0.539	0.38	0.500	5.38	1.40	2.28
10,000	1.68	3.75	1.50	0.88	1.06	0.533	0.44	0.750	6.87	1.68	3.03
kg/mm											
226.8-1,814.2	30.5	76.2	25.4	16.0	17.5	22.4	4.8	12.7	133.3	30.9	57.6
2,268.0	37.1	76.2	25.4	16.0	23.4	22.4	9.7	12.7	136.7	35.5	57.9
4,536.0	42.7	95.3	38.1	22.4	26.9	35.1	11.8	19.1	174.5	42.6	76.9

Order Information

LOAD RATING	PART #	EST. SHIPPING WEIGHT	PRICE
30 ft cables			
500 lb (226.8 kg)	76213	3 lb	\$450.00
1,250 lb (567.0 kg)	47946	3 lb	450.00
2,500 lb (1,134 kg)	45463	3 lb	450.00
5,000 lb (2,268 kg)	45465	4 b	575.00
10,000 lb (4,536 kg)	45466	6 lb	695.00
15 ft cables			
500 lb (226.8 kg)	101091	3 lb	410.00
1,250 lb (567.0 kg)	101092	3 lb	410.00
2,500 lb (1,134 kg)	101093	3 lb	410.00
5,000 lb (2,268 kg)	101094	3 lb	535.00
10,000 lb (4,536 kg)	101095	5 lb	660.00
Rocker pin 500-4,000	108612	1 lb	62.00
Rocker pin 5,000	130408	1 lb	64.00
Rocker pin 10,000	131376	1 lb	94.00
O-ring*	108202	1 lb	1.00

*Two per pin

Interchangeable Products

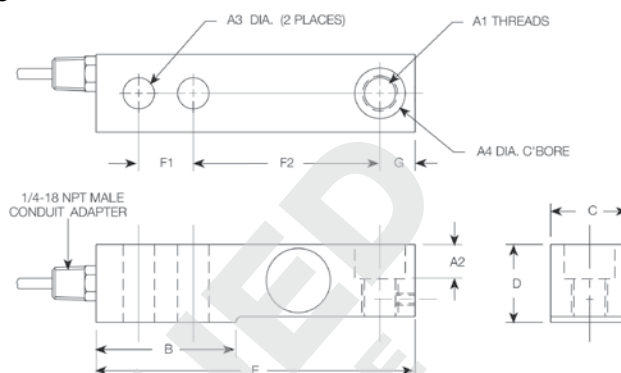
MANUFACTURER	MODEL	PAGE #
Mettler-Toledo®	TB600529-500 lb	—
Mettler-Toledo	TB600363-1250 lb	—
Mettler-Toledo	TB600342-2500 lb	—
Mettler-Toledo	TB600343-5000 lb	—
Mettler-Toledo	TB600364-10000 lb	—
HBM®	THC	246

RLBLC

Single-Ended Beam, Stainless Steel with Counter Bore



Picture is a representation of actual product



Specifications

Full Scale Output: 3.0 mV/V nominal	Seal Type: Environmentally sealed	Hysteresis: 0.05% full scale	Cable Diameter: 0.190 polyurethane jacket
Bridge Resistance: 1,000 ohms, nominal	Safe Overload: 150% full scale	Insulation Resistance: 5,000 megohms	Cable Color Code: Green+ Excitation Black.....- Excitation White+ Signal Red- Signal
Material/Finish: Stainless steel	Safe Sideload: 100% full scale	Deflection at Capacity: 1,000 lb-4,000 lb=0.010 in (0.25 mm) 5,000 lb-10,000 lb=0.012 in (0.30 mm)	Warranty: Two-year limited warranty
Temperature: Operating range -40° F to 150° F/-40° C to 65° C	Rated Excitation: 5-10 VDC (15 V maximum)	Cable Length: 1,000 lb-4,000 lb=10 ft (3.1 m) 5,000 lb-10,000 lb=20 ft (6.1 m)	
	Nonlinearity: 0.03% full scale		

Dimensions

RATED CAPACITY	A1	A2	A3	A4	B	C	D	E	F1	F2	G
lb/inches											
1,000-4,000	1/2-20 UNF-2B	0.56	0.53	0.81	2.25	1.21	1.19	5.25	1.00	3.00	0.60
5,000	3/4-16 UNF-2B	0.79	0.78	1.19	3.00	1.45	1.44	6.75	1.50	3.75	0.75
10,000	3/4-16 UNF-2B	0.79	0.78	1.19	3.00	1.69	1.69	6.75	1.50	3.75	0.75
kg/mm											
453.6-1,814.4	1/2-20 UNF-2B	14.2	13.5	20.6	57.2	30.2	30.2	130.1	25.4	76.2	12.7
2,268.0	3/4-16 UNF-2B	20.1	19.8	30.2	76.2	36.6	36.6	171.5	38.1	95.3	19.1
4,535.9	3/4-16 UNF-2B	20.1	19.8	30.2	76.2	42.9	42.9	171.5	38.1	95.3	19.1

Order Information

LOAD RATING	PART #	EST. SHIPPING WEIGHT	PRICE
1,000 lb (453.6 kg)	17091	3 lb	\$395.00
2,500 lb (1,134.0 kg)	17096	3 lb	395.00
4,000 lb (1,814.4 kg)	17101	3 lb	395.00
5,000 lb (2,268.0 kg)	17104	5 lb	495.00
10,000 lb (4,535.9 kg)	17108	5 lb	495.00
Bushing (for conversion to non-counter bore)			
1,000 lb-4,000 lb SST	17691		8.00

Interchangeable Products

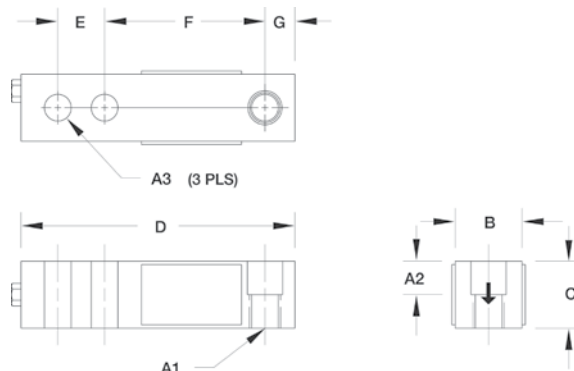
MANUFACTURER	MODEL	PAGE #
HBM®	BLC	248

RL35023

Single-Ended Beam, Alloy Steel, NTEP Certified 1:5000 Class III Multiple Cell, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:

3.0mV/V

Output Resistance:

349-355 ohms

Input Resistance:

343-357 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

Deflection at Capacity:

500 lb-1,000 lb=0.013 in (0.3 mm)
2,000 lb-3,000 lb=0.015 in (0.4 mm)
4,000 lb-5,000 lb=0.025 in (0.6 mm)
10,000 lb=0.035 in (0.9 mm)

Seal Type:

Environmentally sealed, IP67

Cable Length:

20 ft (6.1 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	A3	B	C	D	E	F	G
lb/inches									
500	1/2-20 UNF-2B	0.50	0.53	1.25	1.00	5.12	1.00	3.00	0.50
1,000-5,000 SE*	1/2-20 UNF-2B	0.62	0.53	1.25	1.25	5.12	1.00	3.00	0.50
5,000 LE**-10,000	3/4-16 UNF-2B	0.75	0.78	1.50	1.50	6.75	1.50	3.75	0.75
15,000-20,000	1-14 UNS-2B	1.00	1.03	2.00	2.00	8.88	2.00	4.88	1.03
kg/mm									
226.8	1/2-20 UNF-2B	12.7	13.5	31.8	25.4	130.1	25.4	76.2	12.7
453.6-2,268.0 SE*	1/2-20 UNF-2B	15.8	13.5	31.8	31.8	130.1	25.4	76.2	12.7
2,268.0 LE**-4,535.9	3/4-16 UNF-2B	19.1	19.8	38.1	38.1	171.5	38.1	95.3	19.8
6,803.9-9,071.9	1-14 UNS-2B	25.4	26.2	50.8	50.8	225.6	50.8	124.0	25.0

Order Information

LOAD RATING		PART #	EST. SHIPPING WEIGHT	PRICE
1,000 lb	(453.6 kg)	21528	3 lb	\$295.00
2,000 lb	(907.2 kg)	21529	3 lb	295.00
2,500 lb	(1,134.0 kg)	21530	3 lb	295.00
3,000 lb	(1,360.8 kg)	21531	3 lb	295.00
4,000 lb	(1,814.4 kg)	21532	3 lb	295.00
5,000 lb SE*	(2,268.0 kg)	21535	3 lb	295.00
5,000 lb LE**	(2,268.0 kg)	21533	5 lb	375.00
10,000 lb	(4,535.9 kg)	21534	5 lb	375.00
20,000 lb***	(9,071.9 kg)	166127	10 lb	725.00
Non-NTEP Certified				
500 lb	(226.8 kg)	17181	3 lb	295.00
15,000 lb	(6,803.9 kg)	17186	10 lb	645.00
20,000 lb	(9,071.9 kg)	17187	10 lb	645.00
Conduit Adapter Kit (must be factory installed to maintain warranty)				
3/8-24 nipple		31533****	1 lb	30.00
3/8-24 to 1/4-18 NPT		31534****	1 lb	30.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
VPG Celtron®	SQB	202
VPG Sensortronics®	65023	306

Weigh Module Available

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL50210TA	52
Rice Lake Weighing Systems	RL1800 Series	62

* SE refers to small envelope

** LE refers to large envelope

*** Overbraided cable

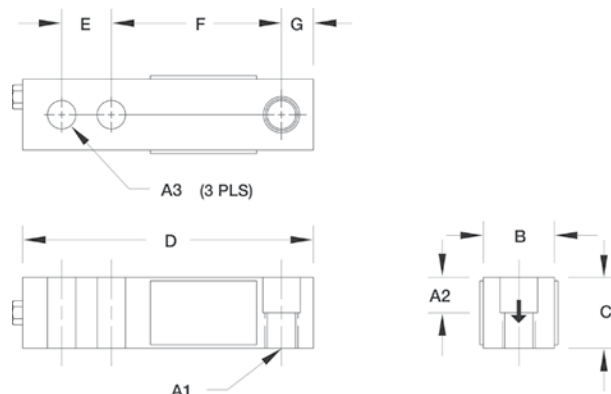
**** PN31533 and PN 31534 must be installed together to form the Conduit Adapter Kit

RL35023S

Single-Ended Beam, Stainless Steel, NTEP Certified 1:5000 Class III Multiple Cell, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:

3.0 mV/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

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:

500 lb-1,500 lb=0.013 in (0.33 mm)
1,000 lb-5,000 lb=0.017 in-0.025 in
(0.4318 mm-0.635 mm)
5,000 lb-10,000 lb=0.025 in-0.035 in
(0.635 mm-0.889 mm)
15,000 lb-20,000 lb=0.048 in-0.013 in
(1.2912 mm-0.3302 mm)

Seal Type:

Environmentally sealed, IP67

Cable Length:

20 ft (6.1 m)

Cable Diameter:

0.200 polyurethane jacket

Cable Coloring:

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

Hysteresis:

0.02% full scale

Insulation Resistance:

5,000 megohms

Warranty:

Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A1	A2	A3	A4	B	C	D	E	F	G
lb/inches										
1,000-4,000	1/2-20 UNF-2B	0.62	0.53	0.53 dia	1.25	1.25	5.12	1.00	3.00	0.50
5000-10,000	3/4-16 UNF-2B	0.75	0.78	0.78 dia	1.50	1.50	6.75	1.50	3.75	0.75
kg/mm										
453.6-1,814.4	1/2-20 UNF-2B	15.8	13.5	13.5 dia	31.8	31.8	130.1	25.4	76.2	12.7
2,268.0-4,535.9	3/4-16 UNF-2B	19.1	19.8	19.8 dia	38.1	38.1	171.5	38.1	95.3	19.1

Order Information

LOAD RATING		PART #	EST. SHIPPING WEIGHT	PRICE
1,000 lb	(453.6 kg)	30649	3 lb	\$325.00
2,000 lb	(907.2 kg)	30650	3 lb	325.00
2,500 lb	(1,134.0 kg)	30651	3 lb	325.00
4,000 lb	(1,814.4 kg)	30652	3 lb	325.00
5,000 lb	(2,268.0 kg)	30653	5 lb	415.00
10,000 lb	(4,535.9 kg)	30654	5 lb	415.00
Conduit Adapter Kit (must be factory installed to maintain warranty)				
3/8-24 nipple		31533*		30.00
3/8-24 to 1/4-18 NPT		31534*		30.00

* PN 31533 and PN 31534 must be installed together to form the Conduit Adapter Kit

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
VPG Sensortronics®	65023 S	311
VPG Sensortronics	65023 SS	310
VPG Celtron®	HSS	

Weigh Module Available

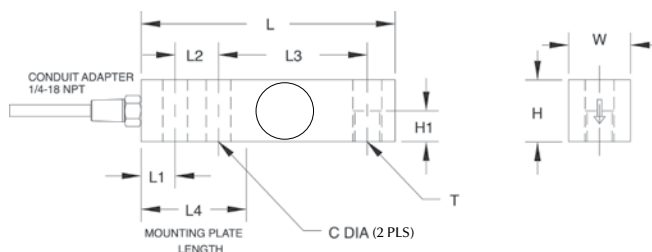
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL50210	52
Rice Lake Weighing Systems	RL1800 Series	62

RL35083

Single-Ended Beam, Stainless Steel, Welded-seal, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:
3.0mV/V

Output Resistance:
349-355 ohms

Input Resistance:
343-357 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)

Combined Error:
0.03% full scale

Non-Repeatability:
0.01% full scale

Insulation Resistance:
5,000 megohms

Deflection at Capacity:

1,000 lb-4,000 lb=0.008 in-0.026 in
(0.203 mm-0.66 mm)
5,000 lb-10,000 lb=0.030 in-0.055 in
(0.76 mm-1.397 mm)

Seal Type:

Welded-seal strain gauge, IP67

Cable Length:

20 ft (6.1 m)

Cable Diameter:

0.220 PTFE coated cable

Conduit Adapter Size:
1/4-18 NPT

Cable Color Code:

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

Warranty:

Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	C	H	H1	L	L1	L2	L3	L4	T	W
lb/inches										
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. SHIPPING WEIGHT	PRICE
1,000 lb (453.6 kg)	17252	3 lb	\$405.00
2,500 lb (1,134.0 kg)	17253	3 lb	405.00
4,000 lb (1,814.4 kg)	17254	3 lb	405.00
5,000 lb (2,268.0 kg)	17255	5 lb	455.00
10,000 lb (4,535.9 kg)	17256	5 lb	455.00

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

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
VPG Sensortronics®	65083	312
VPG Celtron®	SQB-HSS	203

Weigh Module Available

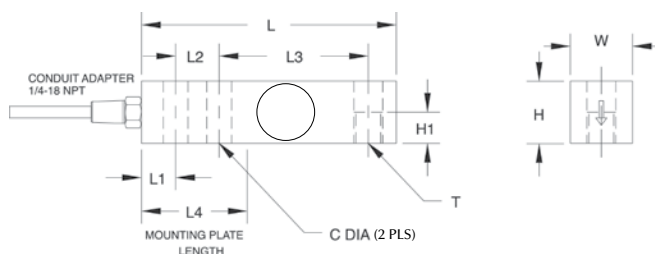
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL50210	52
Rice Lake Weighing Systems	RL1800 Series	62

RL35082

Single-Ended Beam, Stainless Steel, NTEP Certified 1:5000 Class III Multiple Cell, Welded-seal, IP67, IP69K**



Picture is a representation of actual product



Specifications

Full Scale Output:
2.0 mV/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**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
(0.33 mm)
5,000 lb-10,000 lb = 0.030 in
(0.81 mm)**Seal Type:**
Welded-seal strain gauge, IP67**Cable Length:**
20 ft (6.1 m)**Cable Diameter:**
0.220 PTFE coated cable**Conduit Adapter Size:**
1/4-18 NPT***Cable Color Code:**

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

Warranty:
Two-year limited warranty**Approvals:**

Dimensions

RATED CAPACITY	C	H	H1	L	L1	L2	L3	L4	T	W
lb/inches										
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. SHIPPING WEIGHT	PRICE
RL35082 N5/IP67 Model			
1,000 lb (453.6 kg)	31283	3 lb	\$425.00
2,500 lb (1,134.0 kg)	31282	3 lb	425.00
4,000 lb (1,814.4 kg)	31281	3 lb	425.00
5,000 lb (2,268.0 kg)	31280	5 lb	475.00
10,000 lb (4,535.9 kg)	31279	5 lb	475.00
RL35082HE N5/IP69K Model			
1,000 lb (453.6 kg)	34702	3 lb	505.00
2,500 lb (1,134.0 kg)	34703	3 lb	505.00
4,000 lb (1,814.4 kg)	34704	3 lb	505.00
5,000 lb (2,268.0 kg)	34705	5 lb	555.00
10,000 lb (4,535.9 kg)	34706	5 lb	555.00

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

*IP69K hermetically sealed versions have 1/2-14 NPT conduit adapter

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
VPG Scentroidronics®	65083S	313

Weigh Module Available

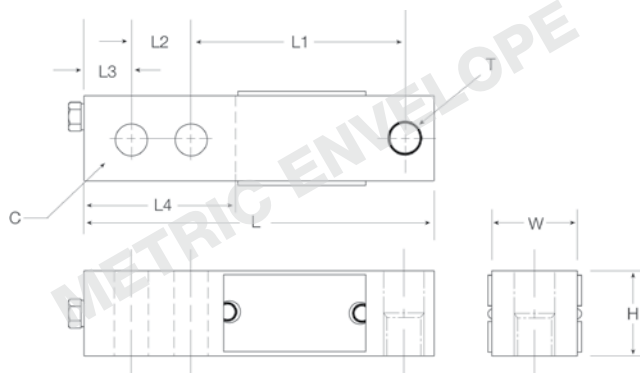
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL50210	52
Rice Lake Weighing Systems	RL1800 Series	62

RLETB

Single-Ended Beam, Alloy Steel, OIML C3, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:

3.0mV/V

Output Resistance:

349-355 ohms

Input Resistance:

343-357 ohms

Material/Finish:

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:

5-10VDC (15 V maximum)

Combined Error:

0.03% full scale

Insulation Resistance:

5,000 megohms

Seal Type:

Environmentally sealed, IP67

Cable Length:

6 m (9.7 ft)

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 C	H	L	L1	L2	L3	L4	W	T
kg/mm								
1,000-2,000	57.00	32.00	130.00	76.00	25.00	16.00	13.00	M12 x 1.75-6H
5,000	76.00	38.00	171.00	95.00	38.00	19.0	20.7	M20 x 1.5-6H
lb/inches								
2,204.6-4,410.0	2.25	1.25	5.12	3.00	0.98	0.63	0.51	M12 x 1.75-6H
11,025.0	3.00	1.50	6.73	3.74	1.50	0.75	0.81	M20 x 1.5-6H

Order Information

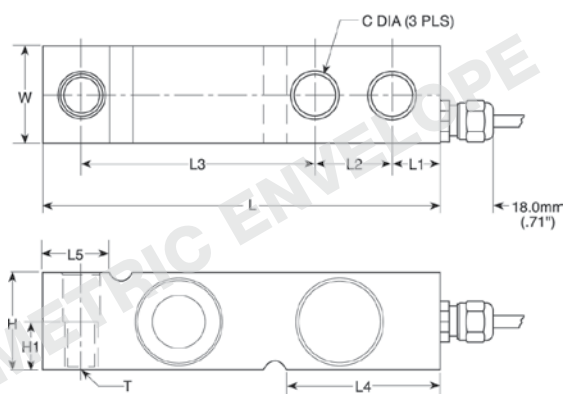
LOAD RATING	PART #	EST. SHIPPING WEIGHT	PRICE
1,000 kg (2,204.6 lb)	31248	3 lb	\$325.00
2,000 kg (4,410.0 lb)	31247	3 lb	325.00
5,000 kg (11,025.0 lb)	31246	5 lb	405.00

RLHTO

Single-Ended Beam, Stainless Steel, Hermetically Sealed, IP66/68, OIML C3



Picture is a representation of actual product



Specifications

Full Scale Output:
2.0m-V/V

Output Resistance:
350 (± 3) ohms ± 3

Input Resistance:
380 (± 10) 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:
5-10VDC (15V maximum)

Total Error:
0.02% applied load

Insulation Resistance:
2,000 megohms

Deflection at Capacity:
500 kg-5,000 kg = 0.4 mm (0.015 in)

Seal Type:
Hermetically sealed, IP66/68

Cable Length:
5 m (16.4 ft)

Cable Diameter:
0.220 polyurethane jacket

Cable Color Code:

Blue+ Excitation
Black.....- Excitation
Green+ Sense
Grey- Sense
White+ Signal
Red- Signal

Warranty:
Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	C	H	H1	L	L1	L2	L3	L4	L5	T	W
lb/inches											
1,102.3-4,409.2	0.53	1.26	0.63	5.12	0.62	1.00	3.00	1.99	0.93	M12 X 1.75.	1.26
11,023.1	0.80	1.89	—	6.75	0.75	1.50	3.75	2.76	1.46	—	1.44
kg/mm											
500-2,000	13.5	32.0	16.0	130.0	15.8	25.4	76.2	50.5	23.5	M12 x 1.75.	32.0
5,000	20.5	48.0	—	171.5	19.0	38.1	95.3	70.0	37.0	—	36.5

Interchangeable Products

LOAD RATING	PART #	EST. SHIPPING WEIGHT	PRICE
C3 500 kg	(1,102.3 lb) 31253	3 lb	\$485.00
C3 1,000 kg	(2,204.6 lb) 31250	3 lb	485.00
C3 2,000 kg	(4,409.2 lb) 31251	3 lb	485.00
C3 5,000 kg	(11,023.1 lb) 31252	5 lb	555.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
VPG Tedeo-Huntleigh®	3,510 kg	336

Weigh Module Available

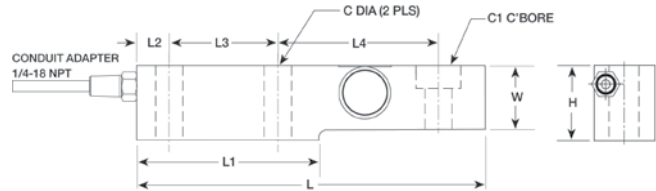
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	1700HE	34

RLSSB

Single-Ended Beam, Stainless Steel, Welded-seal, NTEP Certified 1:5000 Class III Multiple Cell, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:
2.0mV/V

Bridge Resistance:
350 ohms, nominal

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:
5-10VDC (15V maximum)

Combined Error:
0.02%

Non-repeatability:
0.01% full scale

Insulation Resistance:
5,000 megohms

Seal Type:
Welded-seal, IP67

Cable Length:
15 ft (4.5 m)

Cable Diameter:
0.200 polyurethane jacket

Cable Color Code:

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

Warranty:
Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	C	C1	H	L	L1	L2	L3	L4	W
lb/inches									
1,000-5,000	0.53	.68 THRU C'Bore 1.19 x .47 DP	1.88	8.00	4.00	0.75	2.50	3.88	1.44
10,000	0.88	1.00 THRU C'Bore 1.63 x 0.62 DP	2.75	9.25	4.62	0.81	2.63	4.88	1.88
kg/mm									
453.6-2,268.0	13.5	0.68 THRU C'Bore 1.19 x 0.47 DP	47.8	203.2	101.6	19.1	63.5	98.6	36.6
4,535.9	22.4	1.00 THRU C'Bore 1.63 x 0.62 DP	69.9	235.0	117.3	20.6	66.8	124.0	47.8

Order Information

LOAD RATING	PART #	EST. SHIPPING WEIGHT	PRICE
1,000 lb (453.6 kg)	34310	5 lb	\$600.00
2,000 lb (907.2 kg)	34311	5 lb	600.00
5,000 lb (2,268.0 kg)	34312	6 lb	600.00
10,000 lb (4,535.9 kg)	34313	10 lb	715.00
1,000 lb-5,000 lb Stainless Steel			
Load cell button	26112	—	30.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
HBM®	SB3	—
VPD Revere®	SSB	281
Artech®	SS30610	—

Weigh Module Available

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	Mount Kit RL1900	64

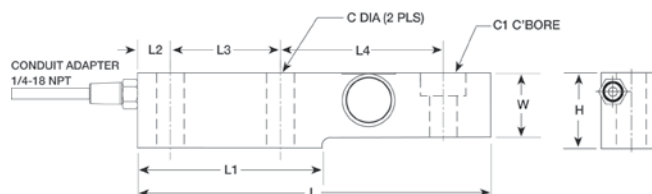
RLSB250/RLSB250T

Single-Ended Beam, Stainless Steel, Welded-seal, NTEP Certified 1:5000 Class III Multiple Cell, IP67



PN 116048

Picture is a representation of actual product



Specifications

Full Scale Output:

2.0 mV/V

Bridge Resistance:

350 ohms, nominal

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)

Combined Error:

0.02%

Non-repeatability:

0.01% full scale

Insulation Resistance:

5,000 megohms

Seal Type:

Welded-seal, IP67

Cable Length:

20 ft (6.2 m)

Cable Diameter:

0.200 polyurethane jacket

Cable Color Code:

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

Warranty:

Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	C	C1	H	L	L1	L2	L3	L4	T*	W
lb/inches										
2,500-5,000	0.53	0.68 thru C'Bore 1.19 x .47 DP	1.94	8.00	4.00	0.75	2.50	3.88	3/4-16 UNF	1.44
10,000 lb	—	1.00 thru 1.63 x 0.62 DP	2.46	9.00	4.00	0.75	2.00	5.25	—	1.62
kg/mm										
1,134.0	13.5	.68 thru C'Bore 1.19 x .47 DP	47.8	203.2	101.6	19.1	63.5	98.6	—	36.6

Order Information

LOAD RATING	PART #	EST. SHIPPING WEIGHT	PRICE
2,500 lb*	(1,134.0 kg) 34482	6 lb	\$600.00
2,500 lb	(1,134.0 kg) 116053	6 lb	600.00
5,000 lb	(2,268.0 kg) 116054	6 lb	700.00
10,000 lb*	(4,536.0 kg) 116055	10 lb	700.00
Insert	116084	—	9.00

*No threads in load hole

Interchangeable Products

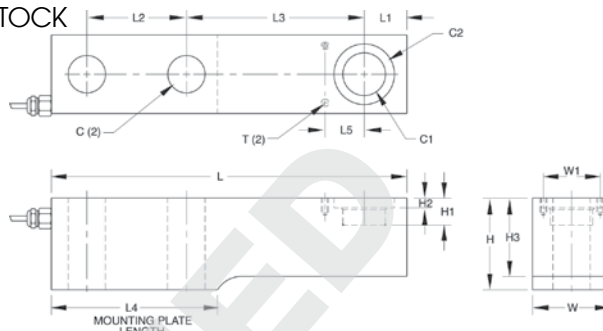
MANUFACTURER	MODEL
Cardinal®	SB2500*

RLSB2L

Single-Ended Beam, Hermetically Sealed, IP67 LIMITED STOCK



Picture is a representation of actual product



RLSB2L - 35,000-45,000 lb/15,876-20,411.7 kg

Specifications

Full Scale Output:
2.0 (± .07% matched) mV/V

Bridge Resistance:
350 ohms, nominal

Material/Finish:
35,000 lb-45,000 lb; high-alloy steel,
epoxy coated

Temperature:
Compensated range
15°F to 115°F/-9°C to 46°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:
0.03% full scale

Insulation Resistance:
10,000 megohms

Seal Type:
Hermetically sealed, IP67 35,000 lb
and 45,000 lb (15,875.7 kg and
20,411.7 kg)

Cable Length:
35,000 lb-45,000 lb = 30 ft (9.2 m)

Cable Diameter:
0.299 polyurethane jacket

Cable Color Code:

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

Warranty:

Two-year limited warranty

Dimensions

RATED CAPACITY	C	C1	C2	H	H1	H2	H3	L	L1	L2	L3	L4	W	W1	T
lb/inches															
35,000	1.31	1.50	2.12	3.22	.95	.37	2.75	12.50	1.50	3.50	6.25	5.84	2.75	2.00	10-32 x .50 DP
kg/mm															
15,875.7	33.3	38.1	53.9	69.9	24.1	9.4	—	317.5	38.1	88.9	158.8	152.4	69.9	50.8	10-32 x 12.7 DP

Order Information

LOAD RATING	PART #	EST. SHIPPING WEIGHT	PRICE
RLSB2L			
35,000 lb*	(15,875.7 kg) 65234	28 lb	\$1,595.00

* Hermetically sealed

Interchangeable Products

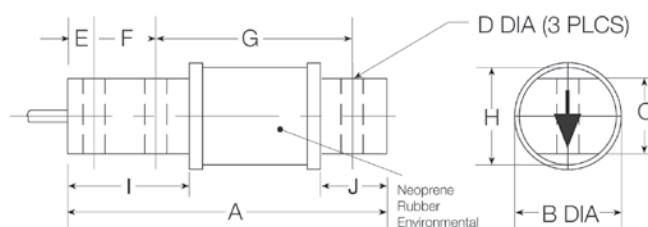
MANUFACTURER	MODEL	CAPACITY
Masstron®	ML4437	35,000 lb (15,875.7 kg)

RL50210

Single-Ended Beam, Alloy Steel, IP65



Picture is a representation of actual product



Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

349-355 ohms

Input Resistance:

380-450 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

Rated Excitation:

5-10 VDC (15 V maximum)

Nonlinearity:

0.03% full scale

Hysteresis:

0.02% full scale

Insulation Resistance:

5,000 megohms

Deflection at Capacity:

25 lb-50 lb=0.008 in (0.20 mm)
100 lb=0.010 in (0.25 mm)
150 lb=0.012 in (0.30 mm)
250 lb=0.016 in (0.41 mm)
500 lb=0.025 in (0.64 mm)

Seal Type:

Environmentally sealed with neoprene sleeve, IP65

Cable Length:

20 ft (6.1 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	A	B	C	D	E	F	G	H	I	J
lb/inches										
25-500	2.81	1.30	0.62	0.26	0.25	0.50	0.25	1.00	1.00	0.50
kg/mm										
11.3-226.8	71.4	33.0	15.8	6.6	6.4	12.7	6.35	25.4	25.4	12.7

Order Information

LOAD RATING		PART #	EST. SHIPPING WEIGHT	PRICE
25 lb	(11.3 kg)	17385	2 lb	\$245.00
50 lb	(22.7 kg)	17380	2 lb	245.00
100 lb	(45.4 kg)	17381	2 lb	245.00
150 lb	(68.0 kg)	17382	2 lb	245.00
250 lb	(113.4 kg)	17383	2 lb	245.00
500 lb	(226.8 kg)	17384	2 lb	245.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
VPG Sensuretronics®	60040	314
Artech®	50210	—
VPG Revere®	5503	—

Weigh Module Available

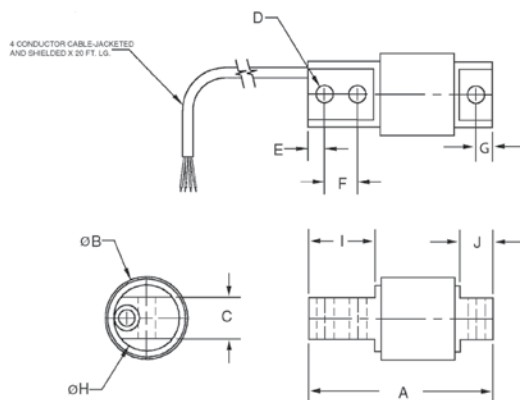
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL50210TA	52

RL50210SS

Single-Ended Beam, Stainless Steel, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:
3.0mV/V

Bridge Resistance:
350 ohms, nominal

Material/Finish:
Stainless steel

Temperature:
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)

Nonlinearity:
0.03% full scale

Hysteresis:
0.05% full scale

Insulation Resistance:
5,000 megohms

Deflection at Capacity:
25 lb-50 lb=0.008 in (0.20 mm)
100 lb=0.010 in (0.25 mm)
150 lb=0.012 in (0.30 mm)
250 lb=0.016 in (0.41 mm)
500 lb=0.025 in (0.64 mm)

Seal Type:
Environmentally sealed stainless steel
sleeve, IP67

Cable Length:
20 ft (6.1 m)

Cable Diameter:
0.200 PVC jacket

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	I	J
lb/inches										
25-500	2.81	1.30	0.62	0.26	0.25	0.50	1.81	1.00	1.00	0.50
kg/mm										
11.3-226.8	71.4	33.0	15.8	6.6	6.4	12.7	46.0	25.4	25.4	12.7

Order Information

LOAD RATING	PART #	EST. SHIPPING WEIGHT	PRICE
25 lb (11.3 kg)	53209	2 lb	\$425.00
50 lb (22.7 kg)	53210	2 lb	425.00
75 lb (34.0 kg)	53211	2 lb	425.00
100 lb (45.4 kg)	53212	2 lb	425.00
150 lb (68.0 kg)	53213	2 lb	425.00
250 lb (113.4 kg)	53214	2 lb	425.00
500 lb (226.8 kg)	53215	2 lb	425.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
VPG Sensortronics®	60040	314
Artech®	50210	—
VPG Revere®	5503	—
Rice Lake Weighing Systems	RL50210	142
Rice Lake Weighing Systems	RL60040SST	144

Weigh Module Available

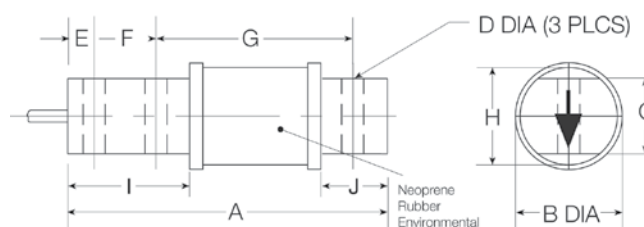
MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL50210TA	52

RL60040SST

Single-Ended Beam, Stainless Steel, IP65



Picture is a representation of actual product



Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

349-355 ohms

Input Resistance:

380-450 ohms

Material/Finish:

Stainless steel

Temperature:

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)

Nonlinearity:

0.03% full scale

Hysteresis:

0.02% full scale

Insulation Resistance:

5,000 megohms

Deflection at Capacity:

25 lb-50 lb=0.008 in (0.20 mm)
100 lb=0.010 in (0.25 mm)
150 lb=0.012 in (0.3 mm)
250 lb=0.016 in (0.41 mm)
500 lb=0.025 in (0.64 mm)

Seal Type:

Environmentally sealed with neoprene sleeve, IP65

Cable Length:

20 ft (6.1 m)

Cable Diameter:

0.200 polyurethane jacket

Cable Color Code:

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

Warranty:

Two-year limited warranty

Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	I	J
lb/inches										
25-500	2.81	1.30	0.62	0.26	0.25	0.50	1.81	1.00	1.00	0.50
kg/mm										
11.3-226.8	71.4	33.0	15.8	6.6	6.4	12.7	46.0	25.4	25.4	12.7

Order Information

LOAD RATING		PART #	EST. SHIPPING WEIGHT	PRICE
25 lb	(11.3 kg)	101972	3 lb	\$425.00
50 lb	(22.7 kg)	101973	3 lb	425.00
75 lb	(34.0 kg)	101974	3 lb	425.00
100 lb	(45.4 kg)	101975	3 lb	425.00
150 lb	(68.0 kg)	101976	3 lb	425.00
250 lb	(113.4 kg)	101977	3 lb	425.00
500 lb	(226.8 kg)	101978	3 lb	425.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
VPG Sensortronics®*	60040	314
Artech®*	50210	—
VPG Revere®*	5503	—
Rice Lake Weighing Systems	RL50210SS	143

Weigh Module Available

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL50210TA	52

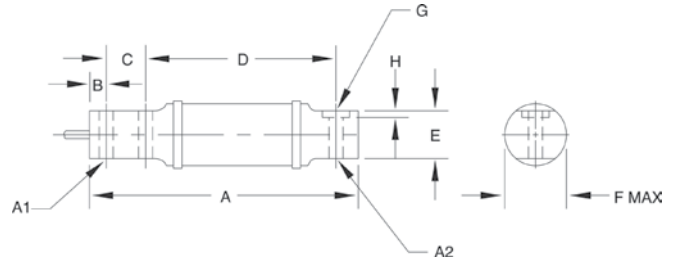
*Alloy steel

RL40BBS

Single-Ended Beam, Alloy Steel, IP65



Picture is a representation of actual product



Specifications

Full Scale Output:
2.0 mV/V

Bridge Resistance:
50-1000 lb/750 ohms, nominal
2,500 lb/347 ohms, nominal

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

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

Deflection at Capacity:
50 lb=0.015 in (0.38 mm)
100 lb=0.005 in (0.64 mm)
200 lb-250 lb=0.030 in (0.76 mm)
500 lb=0.020 in (0.51 mm)
1,000 lb=0.040 in (1.02 mm)
2,500 lb=0.120 in (3.05 mm)

Nonlinearity:
0.03% full scale

Hysteresis:
0.02% full scale

Insulation Resistance:
5,000 megohms

Seal Type:
Environmentally sealed with neoprene sleeve, IP65

Cable Length:
10 ft (3.1 m)

Cable Diameter:
0.200 polyurethane jacket

Cable Color Code:

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

Warranty:
Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A	A1	A2	B	C	D	E	F	G	H
lb/inches										
50-100	6.00	0.31	0.31	0.38	0.88	4.25	1.06	1.41	—	—
200-1,000	6.62	0.52	0.52	0.50	1.12	4.25	1.06	1.41	—	—
2,500	11.38	0.53	0.62	0.50	1.75	8.25	1.25	2.19	1.19	0.12
kg/mm										
22.7-45.4	52.4	7.9	7.9	9.7	22.4	108.0	26.9	35.8	—	—
90.7-453.6	168.2	13.2	13.2	12.7	28.5	108.0	26.9	35.8	—	—
1,134.0	289.1	13.5	15.8	12.7	44.5	209.6	31.8	55.6	30.3	3.00

Order Information

LOAD RATING	PART #	EST. SHIPPING WEIGHT	PRICE
50 lb (22.7 kg)	17395	3 lb	\$395.00
100 lb (45.4 kg)	17343	3 lb	395.00
200 lb (90.7 kg)	17396	3 lb	395.00
250 lb (113.4 kg)	17397	3 lb	395.00
500 lb (226.8 kg)	17398	3 lb	395.00
1,000 lb (453.6 kg)	17344	3 lb	395.00
2,500 lb (1,134.0 kg)	17345	9 lb	625.00

Interchangeable Products

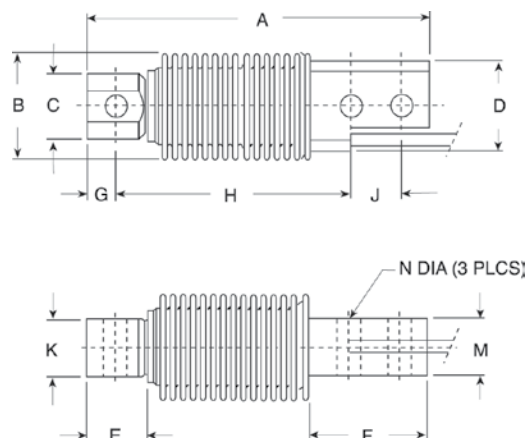
MANUFACTURER	MODEL	PAGE #
HBM®	BBS	249
VPG Sensortronics®	65087	—
Fairbanks®	3-481XX-1	—
Fairbanks	3-48660-1	—
Artech®	40310	—

RLHBB

Single-Ended Beam, Stainless Steel, NTEP Certified 1:4000 Class III Single Cell 1:5000 Class III Mult/ Cell, OIML C3



Picture is a representation of actual product



Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

355 (± 5) ohms

Input Resistance:

380 (± 10) 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

Rated Excitation:

5-10VDC (15V maximum)

Total Error:

0.02% full scale

Insulation Resistance:

2,000 megohms

Deflection at Capacity:

5 kg-500 kg=0.4 mm (.015 in)

Seal Type:

Hermetically sealed, IP68

Cable Color Code:

Blue+ Excitation
Black.....- Excitation
White+ Signal
Red- Signal
Green+ Sense
Gray- Sense

Cable Length:

3 m (10 ft)

Cable Diameter:

0.220 polyurethane jacket

Warranty:

Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	J	K	M	N
lb/inches												
11.0-1,102.3	4.72	1.61	0.91	1.26	0.81	1.79	0.39	3.23	0.71	0.79	0.79	0.32
kg/mm												
5-500	120.0	40.0	23.0	32.0	20.5	45.5	10.0	82.0	18.0	20.0	20.0	8.20

Order Information

LOAD RATING		PART #	EST. SHIPPING WEIGHT	PRICE
OIML				
5 kg	(11.0 lb)	32678	2 lb	\$525.00
10 kg	(22.0 lb)	32677	2 lb	525.00
20 kg	(44.1 lb)	31259	2 lb	525.00
50 kg	(110.2 lb)	31260	2 lb	525.00
100 kg	(220.5 lb)	31261	2 lb	525.00
200 kg	(441.0 lb)	31262	2 lb	525.00
250 kg	(551.2 lb)	31263	2 lb	525.00
500 kg	(1,102.5 lb)	36462	2 lb	525.00
NTEP Certified				
5 kg	(11.0 lb)	41113	2 lb	525.00
10 kg	(22.0 lb)	41114	2 lb	525.00
20 kg	(44.1 lb)	41115	2 lb	525.00
50 kg	(110.2 lb)	41116	2 lb	525.00
100 kg	(220.5 lb)	41117	2 lb	525.00
200 kg	(441.0 lb)	41118	2 lb	525.00
250 kg	(551.2 lb)	41119	2 lb	525.00
500 kg	(1,102.5 lb)	41120	2 lb	525.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
HBM®	Z6*	251
VPV Revere®	SHB	280
VPV Tedeo-Huntleigh®	355	337
VPV Celtron®	HBB**	206
Cardinal®	CB6***	—

Weigh Module Available

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	1700HE Series	34

* Non-NTEP Certified

** Non-NTEP Certified, not FM-approved

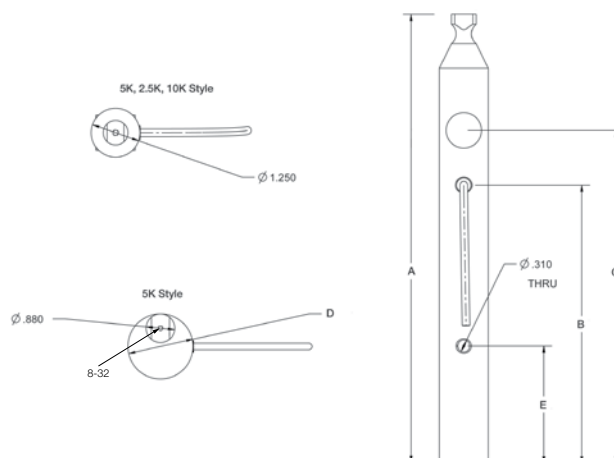
*** Not interchangeable with 500 kg

RL32011WB-L

Single-Ended Beam, NTEP Certified 1:5000 Class III, Multiple Cell, Stainless Steel, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:

2.0 ± 0.1% mV/V

Output Resistance:

350 (± 3) ohms

Input Resistance:

385 (± 10) 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

Combined Error:

0.02% full scale

Non-Repeatability:

± 0.01% full scale

Insulation Resistance:

5,000 megohms

Cable Color Code:

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

Seal Type:

Potted, IP67

Cable Length:

20 ft (6.1 m)

Cable Diameter:

0.190 polyurethane jacket

Warranty:

Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A	B	C	D	E
lb/inches					
1,250 lb	11.00	7.1	8.5	1.25	3.0
2,500 lb	11.00	8.5	8.4	1.62	3.0
5,000 lb	10.9	5.5	7.4	2.0	3.0
10,000 lb	12.6	5.9	8.0	2.5	3.0
kg/mm					
567.0 kg	292.1	180.9	216.5	31.8	76.2
1,134.0 kg	292.1	215.3	212.9	41.1	76.2
2,268.0 kg	276.9	138.8	187.5	50.8	76.2
4,535.9 kg	320.5	149.6	203.2	63.5	76.2

Order Information

LOAD RATING		PART #	EST. SHIPPING WEIGHT	PRICE
1,250 lb	566.99 kg	119788	5 lb	\$595.00
2,500 lb	1,134.0 kg	119789	7 lb	595.00
5,000 lb	2,268.0 kg	119790	9 lb	895.00
10,000 lb	4,535.9 kg	119791	17 lb	995.00

Interchangeable Products

MANUFACTURER	MODEL
Avery Weigh Tronix®	Weigh Bar
Rice Lake Weighing Systems	RL75000SS