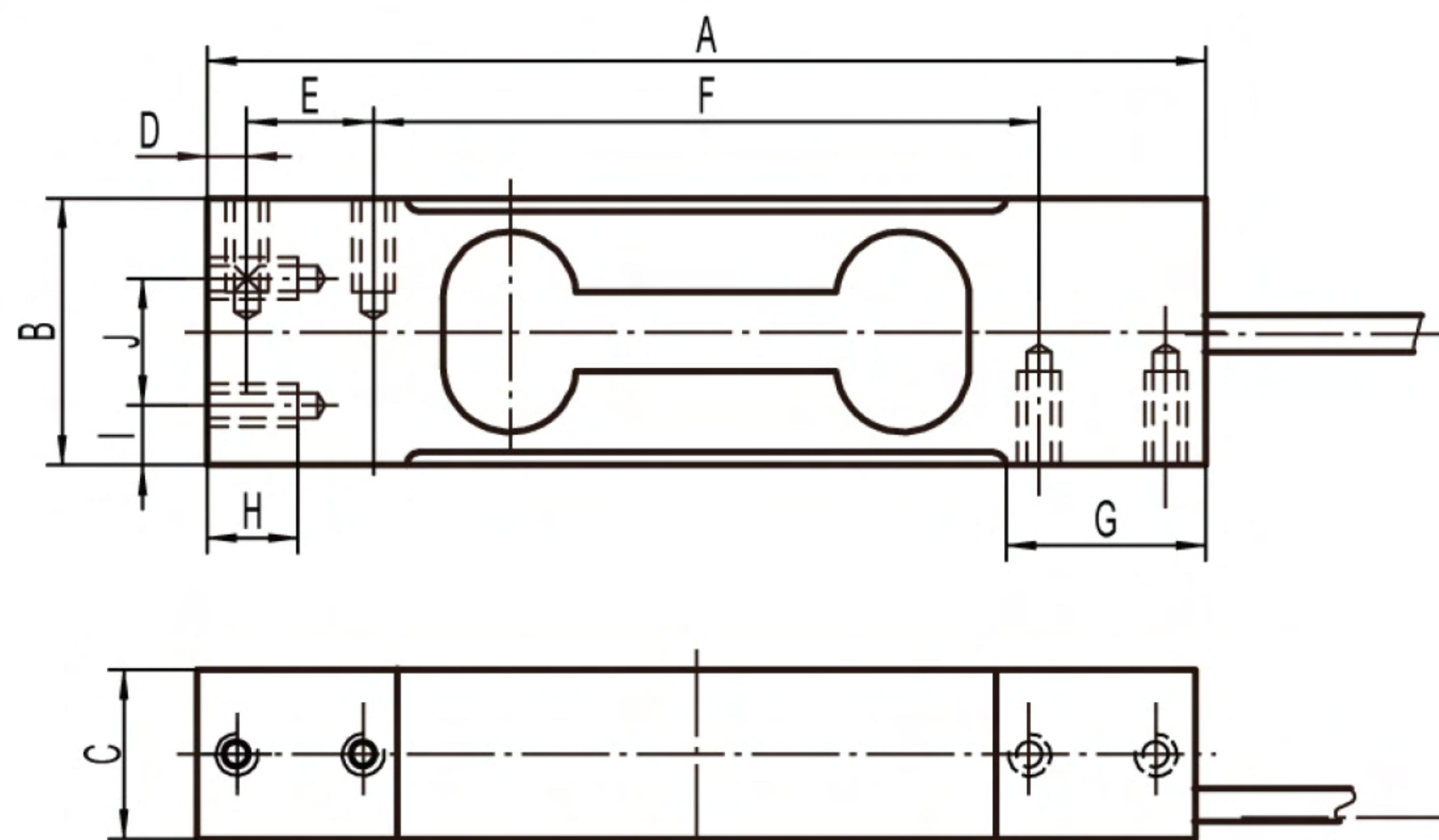
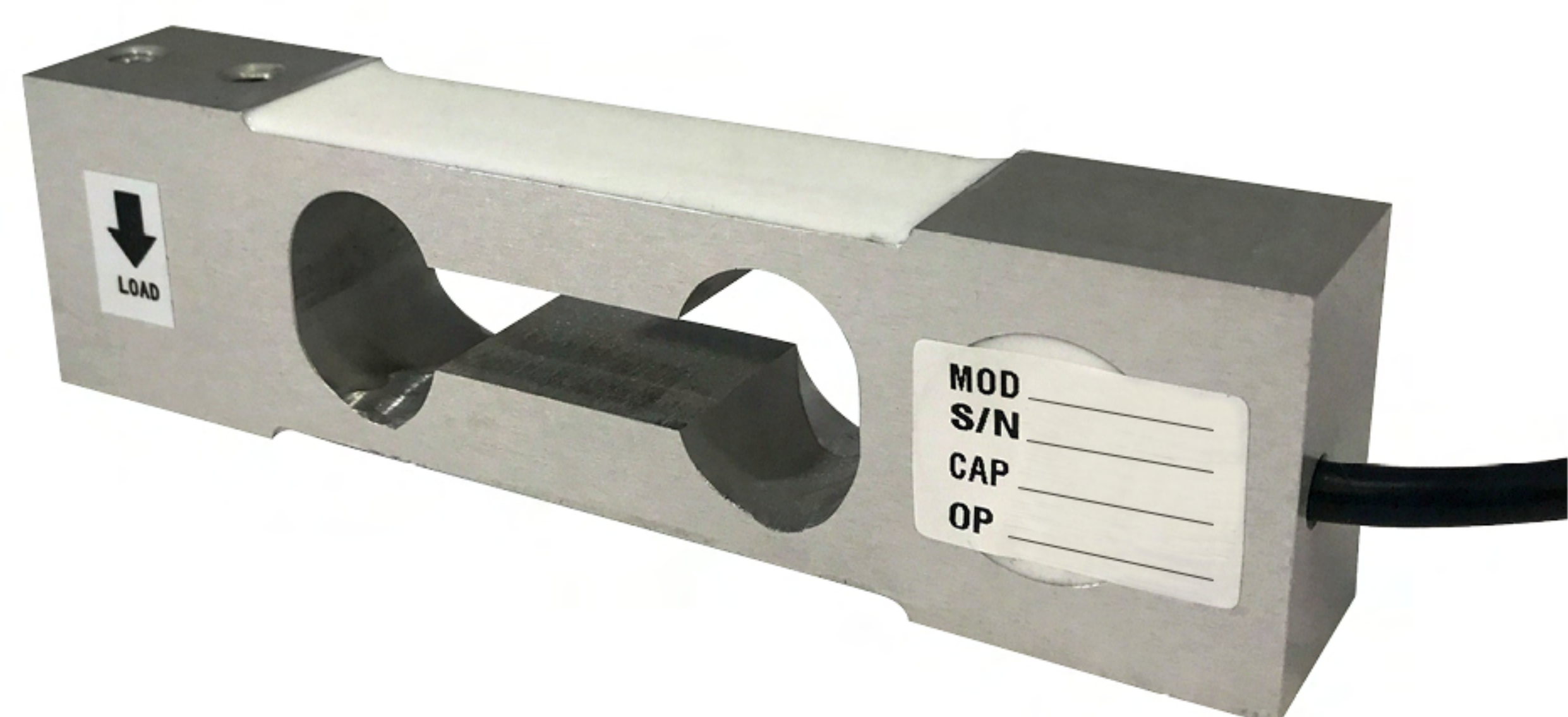


SL-301 Single Point Beam, Aluminum



PRICE	
PART#	CAPACITY
SL-301-3	3 kg
SL-301-5	5 kg
SL-301-7	7 kg
SL-301-10	10 kg
SL-301-15	15 kg
SL-301-20	20 kg
SL-301-30	30 kg
SL-301-50	50 kg
SL-301-75	75 kg
SL-301-100	100 kg

RATED CAPACITY	DIMENSIONS										
	A	B	C	D	E	F	G	H	I	J	
lb/inches											
7-66 lb	5.91	1.58	0.79	0.24	0.75	3.94	1.34	1/4-20UNF x 0.44 dp	0.37	0.75	
110-220 lb	5.91	1.58	0.99	0.24	0.75	3.94	1.34	1/4-20UNF x 0.44 dp	0.37	0.75	
kg/mm											
3-30 kg	150.11	40.13	20.01	6.10	19.05	100.08	34.04	1/4-20UNF x 0.44 dp	9.40	19.05	
50-100 kg	150.11	40.13	25.14	6.10	19.05	100.08	34.04	1/4-20UNF x 0.44 dp	9.40	19.05	

SPECIFICATIONS

Rated Capacity:

kg: 3/5/7/10/15/20/30/50/75/100

Rated Output:

2.0±0.2mV/V

Non-linearity:

±0.02% F.S.

Hysteresis:

±0.02% F.S.

Repeatability:

±0.02% F.S.

Creep (30 minutes):

±0.03% F.S.

Temperature Effect on Span:

±0.0015% F.S./C

Temperature Effect on Zero:

±0.0027% F.S./C

Zero Balance:

±1.00% F.S./C

Insulation Resistance:

>5000 MEGOHMS

Input Impedance:

410±10Ω

Output Impedance:

350±3Ω

Safe Overload:

150% F.S.

Destructive Load:

200% F.S.

Excitation Recommended:

4-12V AC/DC

Material/Finish:

Aluminum

Operation Temperature:

-10°C - + 40°C (14°F - 104°F)

Cable Length:

Standard Cable - 20ft/6m

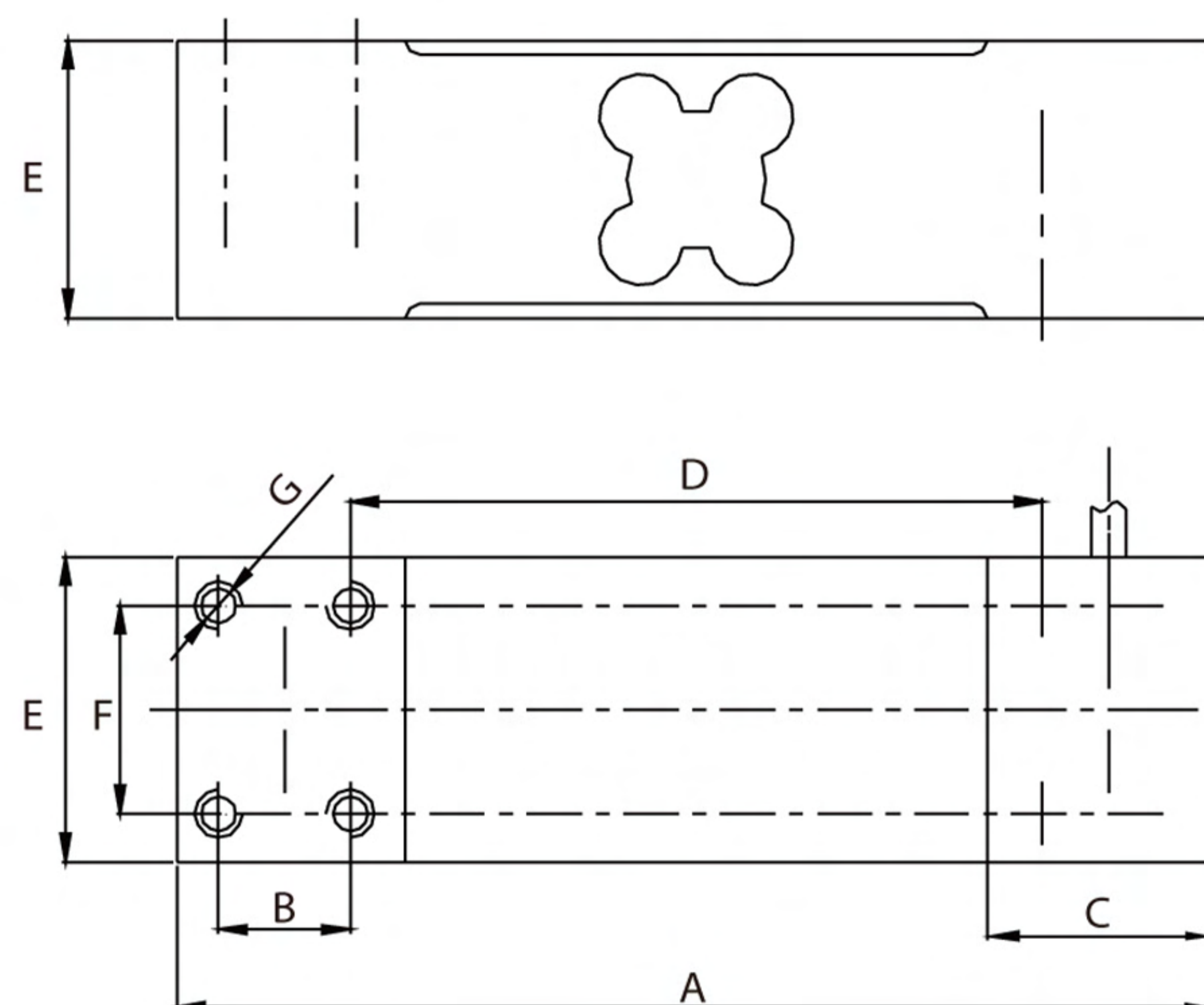
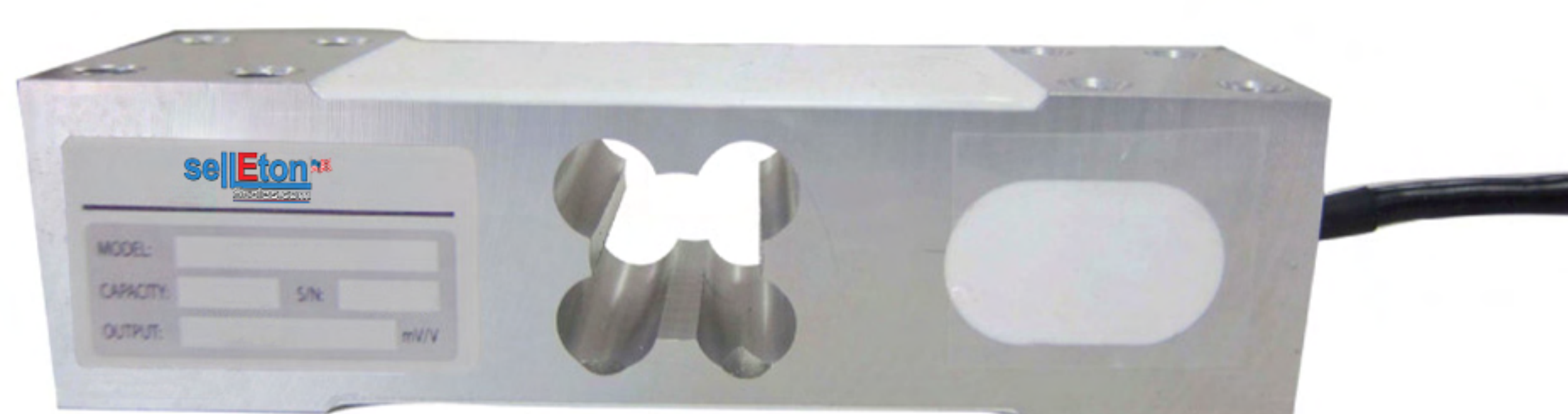
Load Cell Wiring:

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

INTERCHANGEABLE PRODUCTS

Cardinal: TSP

SL-302 Single Point Beam, Aluminum IP67



RATED CAPACITY	DIMENSIONS						
	A	B	C	D	E	F	G
kg/mm							
50-350 kg	150	19	33	100	44	30	M8
lb/inches							
100-700 lb	5.91	0.75	2.05	3.94	1.73	1.18	M8

Rated Capacity:
50/100/150/200/250/
300/350 kg

Rated Output:
2.0±0.2mV/V

Non-linearity:
±0.02% F.S.

Hysteresis:
±0.02% F.S.

Repeatability:
±0.02% F.S.

Temperature Effect on Span:
±0.0015% F.S./°C

Temperature Effect on Zero:
±0.0027% F.S./°C

Zero Balance:
±1.00% F.S.

Insulation Resistance:
>5000 MEGOHMS

Compensated Temperature Range:
-10°C - +40°C (14°F-104°F)

Creep(30 minutes):
±0.016% F.S.

Input Resistance:
410±10Ω

Output Resistance:
352±2Ω

Safe Overload:
150% F.S.

Excitation Recommended:
4-12V AC/DC

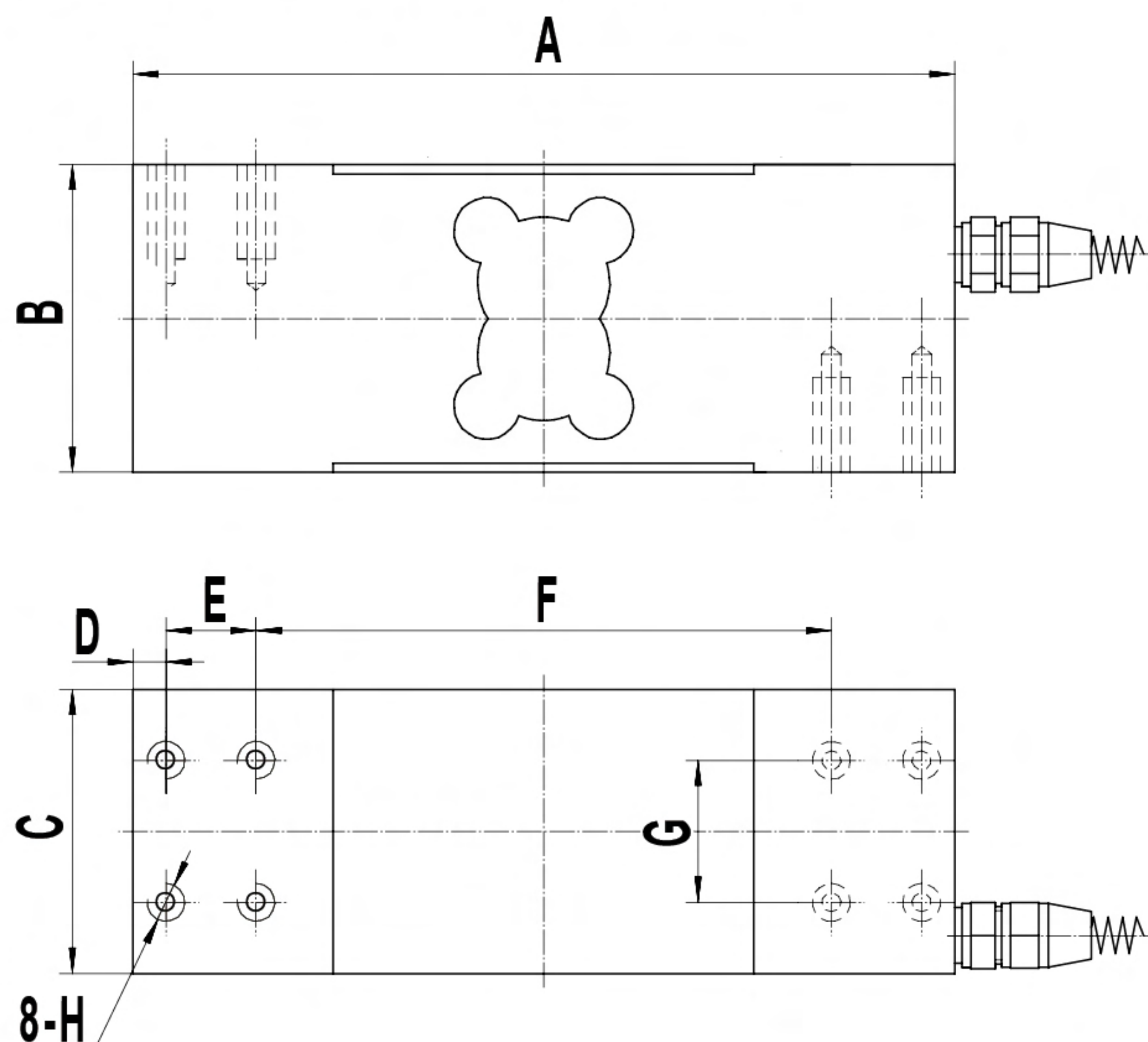
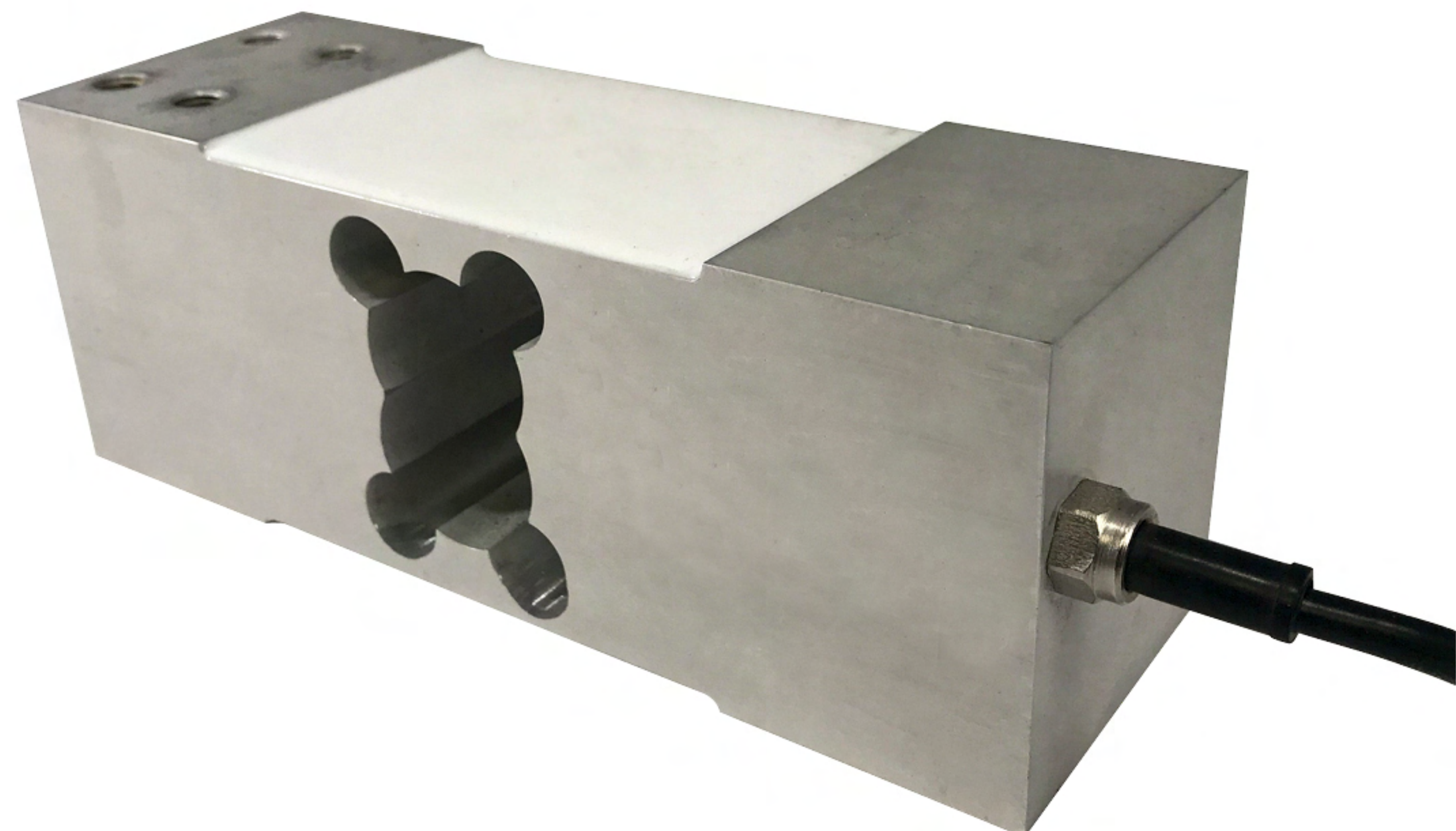
Material/Finish:
Aluminum

Cable Length:
Standard cable
10ft/3m

Load Cell Wiring:
Red.....+Excitation
Black.....- Excitation
Green+Signal
White - Signal

Max Platform Size:
400mm x 400mm

SL-305 Single Point Beam, Aluminum | IP67



PRICE	
PART#	CAPACITY
SL-305-50	50 kg
SL-305-75	75 kg
SL-305-100	100 kg
SL-305-150	150 kg
SL-305-200	200 kg
SL-305-250	250 kg
SL-305-300	300 kg
SL-305-500	500 kg
SL-305-635	635 kg
SL-305-800	800 kg

RATED CAPACITY	DIMENSIONS							
	A	B	C	D	E	F	G	H
lb/inches								
110-1,650 lb	6.85	2.56	2.36	0.28	0.75	4.80	1.18	M8 x 1.25 x 0.79dp
kg/mm								
50-635 kg	173.99	65.02	59.94	7.11	19.05	121.92	29.97	M8 x 1.25 x 0.79dp

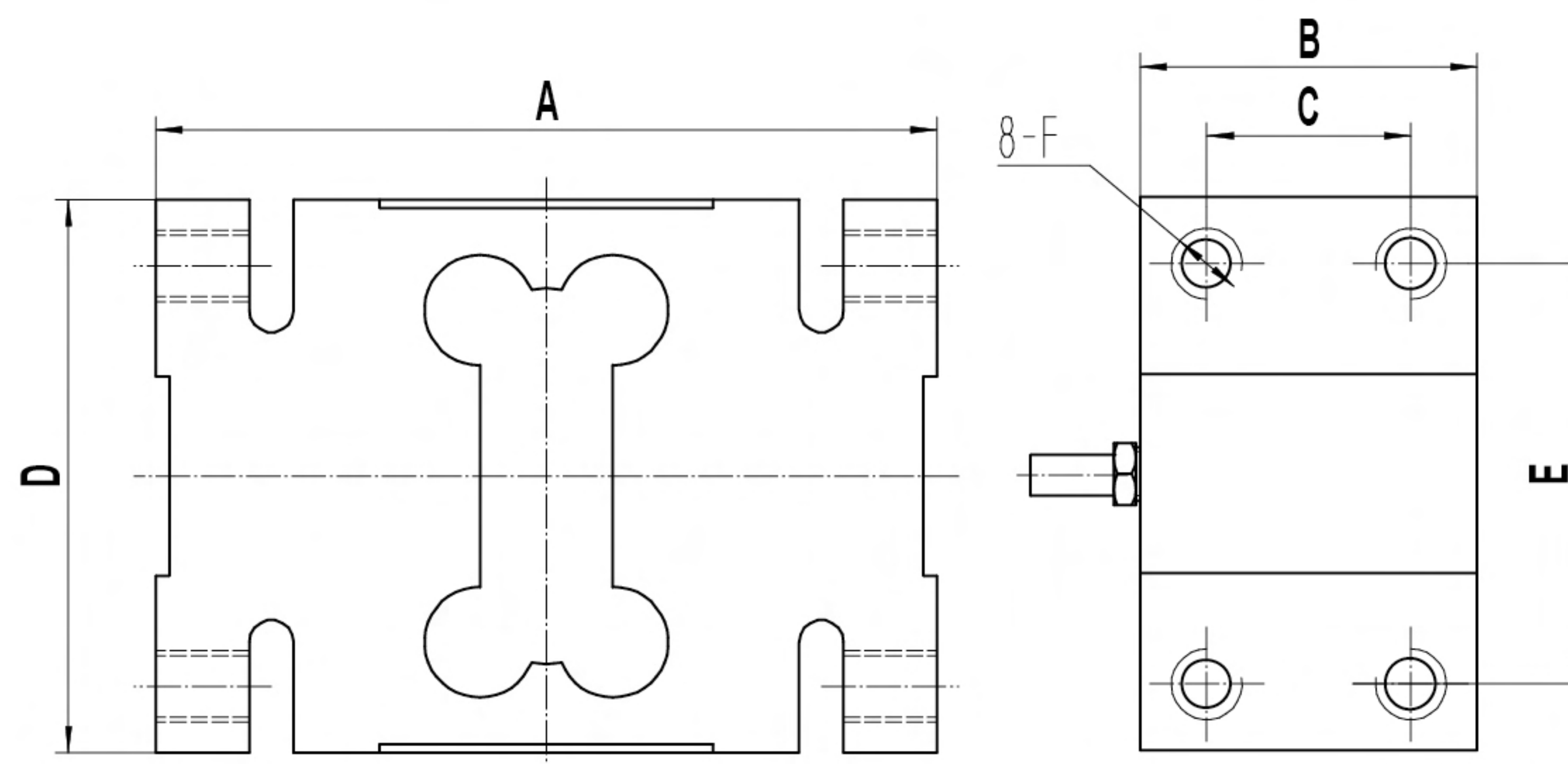
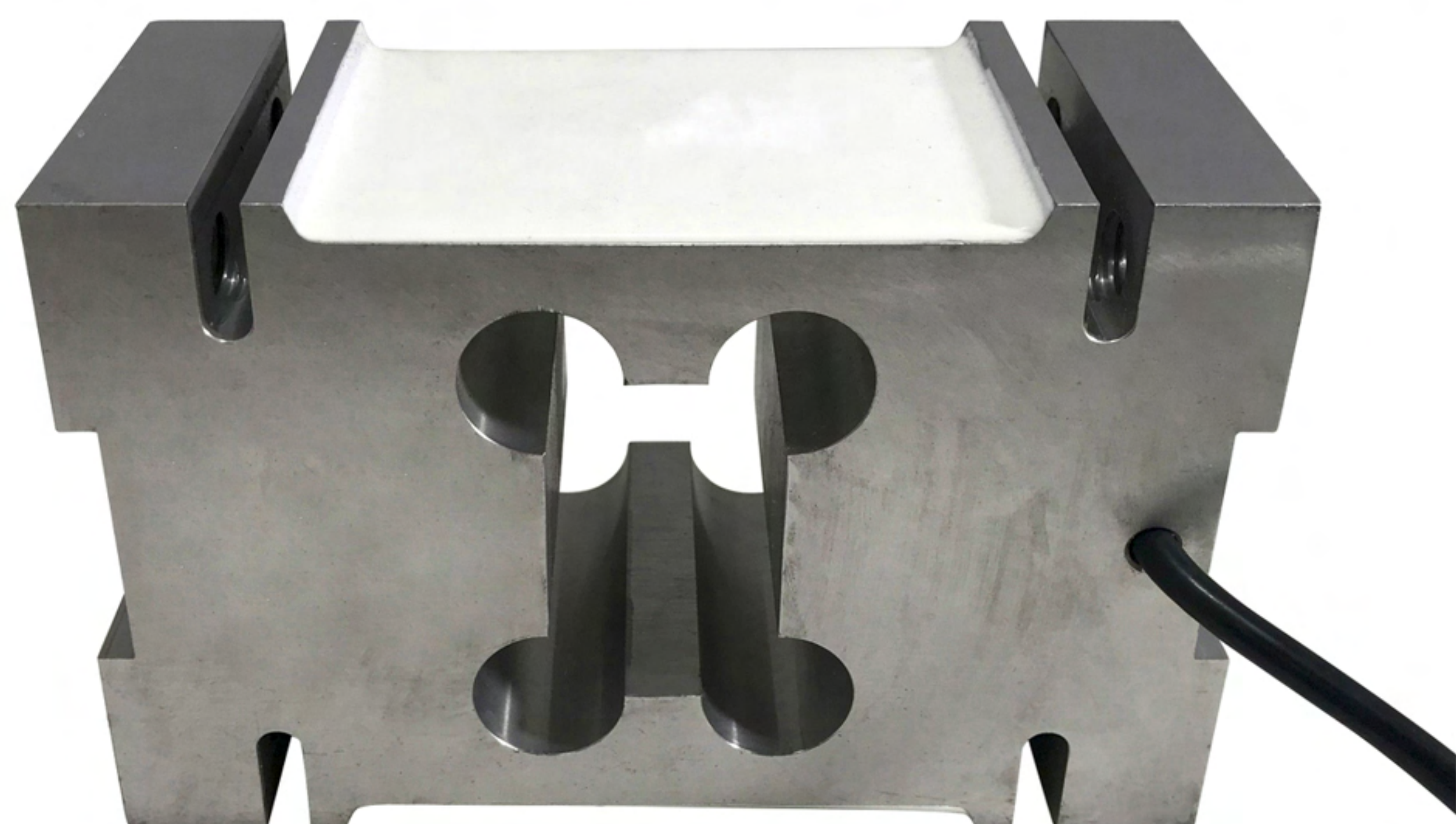
INTERCHANGEABLE PRODUCTS

HBM: **PW24** Teda: **1263**
 Transcell: **FAV** Coti Global Sensors: **CG-50-2**

SPECIFICATIONS

<p>Rated Capacity: kg: 50/75/100/150/200/250/300/500/635/800</p> <p>Rated Output: 2.0m±0.2mV/V</p> <p>Non-linearity: ±0.02% F.S.</p> <p>Max Platform Size: 600mm x 600mm</p> <p>Hysteresis: ±0.02% F.S.</p>	<p>Repeatability: ±0.02% F.S.</p> <p>Creep (30 minutes): ±0.03% F.S.</p> <p>Temperature Effect on Span: ±0.0015% F.S./C</p> <p>Temperature Effect on Zero: ±0.0027% F.S./C</p> <p>Zero Balance: ±1.00% F.S./C</p>	<p>Insulation Resistance: >5000 MEGOHMS</p> <p>Input Impedance: 410±10Ω</p> <p>Output Impedance: 350±3Ω</p> <p>Safe Overload: 150% F.S</p> <p>Destructive Load: 200% F.S</p> <p>Excitation Recommended: 10-20V AC/DC</p>	<p>Material/Finish: Aluminum</p> <p>Operation Temperature: -10°C - + 40°C (14°F - 104°F)</p> <p>Cable Length: Standard Cable - 10ft/3m</p> <p>Load Cell Wiring: Red..... +Excitation Black.....-Excitation Green.....+Signal White.....-Signal</p> <p>Max Platform Size: 600mm x 600mm</p>
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SL-306 Single Point Beam, Aluminum | IP67



PRICE	
PART#	CAPACITY
SL-306-50	50 kg
SL-306-100	100 kg
SL-306-150	150 kg
SL-306-200	200 kg
SL-306-250	250 kg
SL-306-500	500 kg
SL-306-635	750 kg
SL-306-1K	1,000 kg
SL-306-2K	2,000 kg

RATED CAPACITY	DIMENSIONS					
	A	B	C	D	E	F
lb/inches						
110-440 lb	5.75	1.73	0.95	2.96	1.97	M12
550-1,650 lb	6.15	2.36	1.42	3.74	2.76	M12
2,200-4,400 lb	6.93	2.99	1.81	4.93	3.74	M16
kg/mm						
50-200 kg	146.00	44.00	24.00	75.00	50.00	M12
250-750 kg	156.00	60.00	36.00	95.00	70.00	M12
1,000-2,000 kg	176.00	76.00	46.00	125.00	95.00	M16

INTERCHANGEABLE PRODUCTS

Mettler Toledo: **IL**

SPECIFICATIONS

Rated Capacity:

kg: 50/100/150/200/250
500/750/1000/2000

Rated Output:

2.0m±0.2mV/V

Non-linearity:

±0.02% F.S.

Max Platform Size:

800mm x 800mm

Hysteresis:

±0.02% F.S.

Repeatability:

±0.02% F.S.

Creep (30 minutes):

±0.16% F.S.

Temperature Effect on Span:

±0.0015% F.S./C

Temperature Effect on Zero:

±0.0027% F.S./C

Zero Balance:

±1.00% F.S./C

Insulation Resistance:

>5000 MEGOHMS

Input Impedance:

410±10Ω

Output Impedance:

350±3Ω

Safe Overload:

150% F.S

Destructive Load:

200% F.S

Excitation Recommended:

4-12V AC/DC

Material/Finish:

Aluminum

Operation Temperature:

-10°C -+ 40°C (14°F - 104°F)

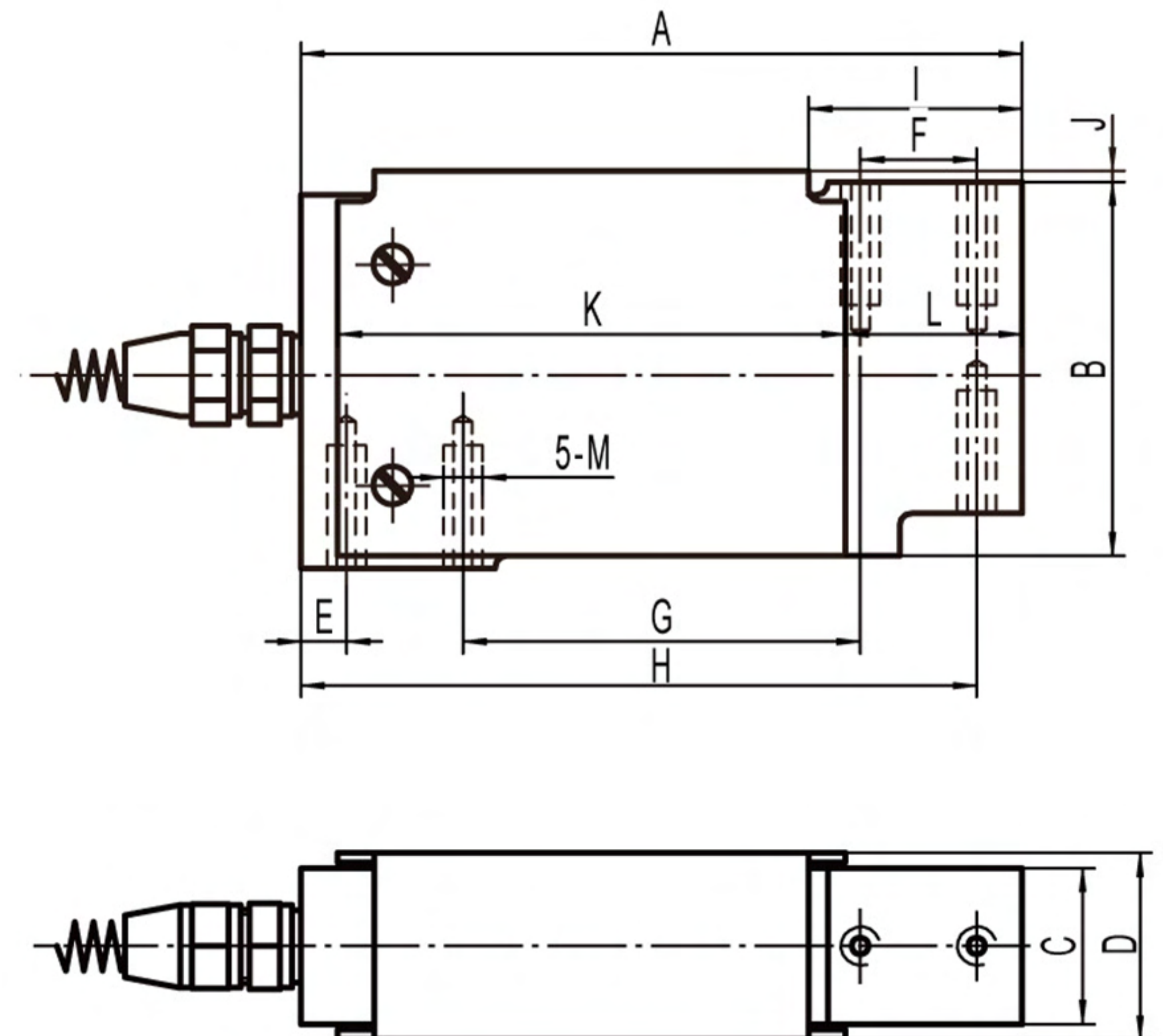
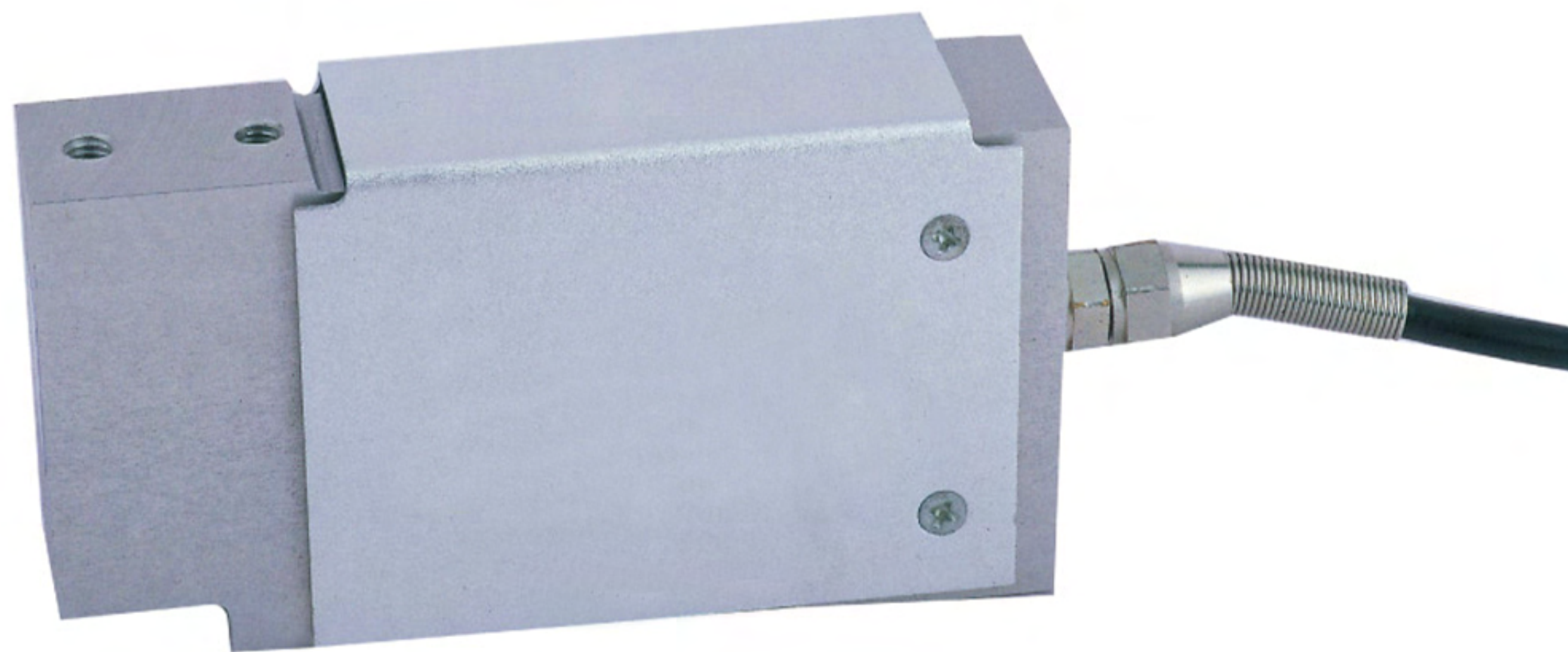
Cable Length:

Standard Cable - 10ft/3m

Load Cell Wiring:

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

SL-307 Single Point Beam, Aluminum | IP67



Interchangeable Products

- ◆ Rice Lake **RL1010**
- ◆ Teda **1010**
- ◆ Coti Global Sensors **CG-1010**

RATED CAPACITY	DIMENSIONS												
	A	B	C	D	E	F	G	H	I	J	K	L	M
kg/mm													
3-90 kg	118.11	62.99	25.40	33.53	7.62	19.05	64.77	110.50	34.04	3.05	80.01	24.38	1/4-20UNF X 0.50dp
lb/inches													
5-200 lb	4.65	2.48	1.00	1.32	0.30	0.75	2.55	4.35	1.34	0.12	3.15	0.96	1/4-20UNF X 0.50dp

Rated Capacity:
3/5/7/10/15/20/30/50/90kg

Rated Output:
2.0±0.2mV/V

Non-linearity:
±0.03% F.S.

Hysteresis:
±0.02% F.S.

Repeatability:
±0.02% F.S.

Creep(30 minutes):
±0.03% F.S.

Temperature Effect on Span:
±0.0015% F.S./°C

Temperature Effect on Zero:
±0.0027% F.S./°C

Zero Balance:
±1.00% F.S.

Insulation Resistance:
> 5000 MEGOHMS

Input Impedance:
410±10Ω

Output Impedance:
350±3Ω

Safe Overload:
150% F.S.

Destructive Load:
200% F.S.

Excitation Recommended:
10-20V AC/DC

Material/Finish:
Aluminum

Operation Temperature:
-10°C - +40°C (14°F - 104°F)

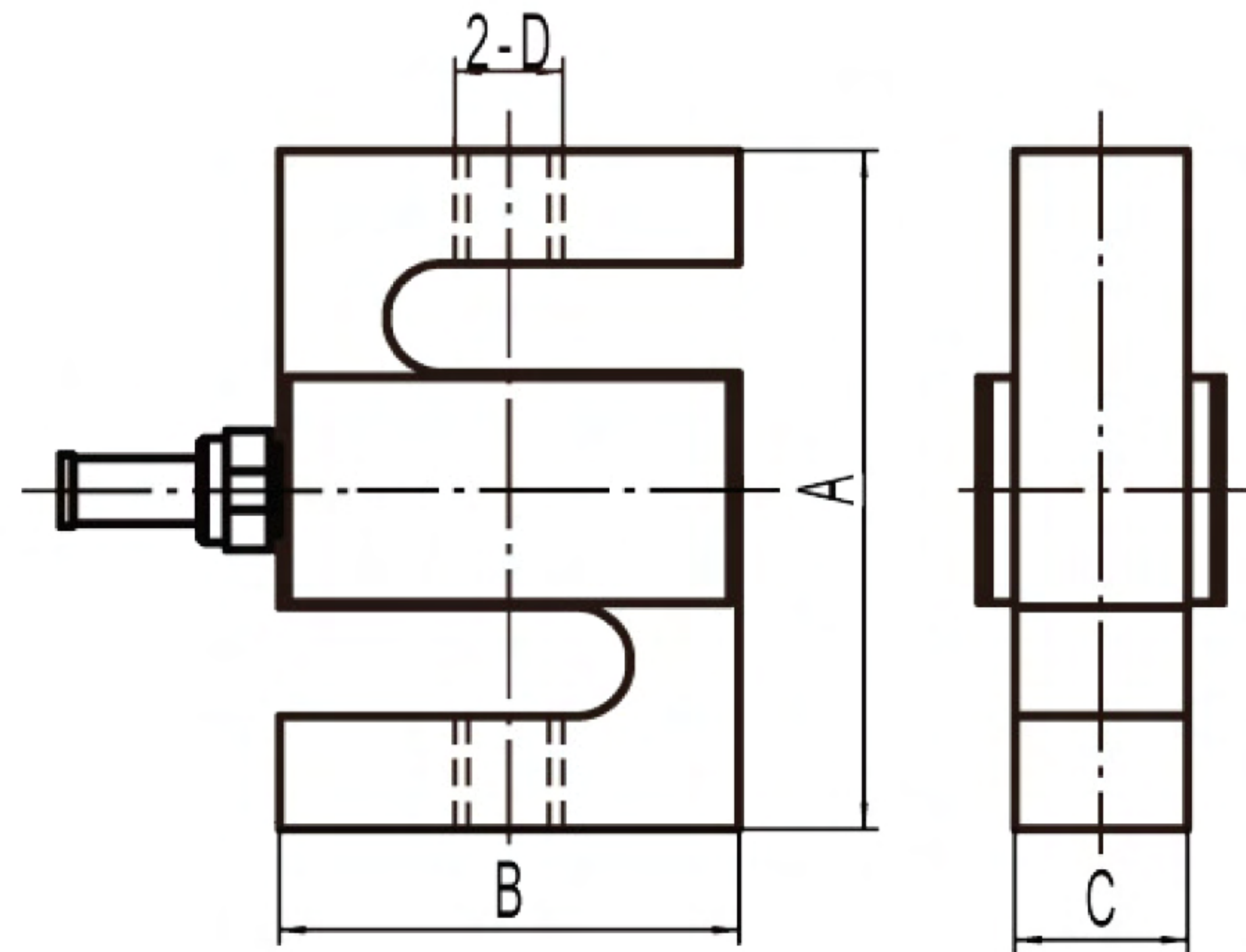
Cable Length:
Standard Cable
3-90kg: 10ft/3m

Load Cell Wiring:
Red.....+Excitation
Black.....- Excitation
Green+Signal
White- Signal

Max Platform Size:
400mm x 400mm

SL-312 S-Beam, Nickel Plated Alloy Steel | IP67

NTEP 1:10,000 Class 3, Single Cell



PRICE	
PART#	CAPACITY
SL-312-0.05	50 lbs
SL-312-0.1	100 lbs
SL-312-0.15	150 lbs
SL-312-0.2	200 lbs
SL-312-0.25	250 lbs
SL-312-0.3	300 lbs
SL-312-0.5	500 lbs
SL-312-0.75	750 lbs
SL-312-1	1,000 lbs
SL-312-1.5	1,500 lbs
SL-312-2	2,000 lbs
SL-312-2.5	2,500 lbs
SL-312-3	3,000 lbs
SL-312-5	5,000 lbs
SL-312-10	10,000 lbs
SL-312-15	15,000 lbs
SL-312-20	20,000 lbs
SL-312-40	40,000 lbs

RATED CAPACITY	DIMENSIONS				RATED CAPACITY	DIMENSIONS			
	A	B	C	D		A	B	C	D
lb/inches					kg/mm				
50-200	2.50	2.00	0.75	1/4-28UNF-2B	25	63.50	50.80	12.70	M6
250-300	2.50	2.00	0.75	3/8-24UNF-2B	50-70	63.50	50.80	12.70	M6
500-1,500	2.50	2.00	1.00	1/2-20UNF-2B	100-700	63.50	50.80	19.05	M12
2K-3K	3.00	2.00	1.00	1/2-20UNF-2B	1,000-1,500	76.20	50.80	25.40	M12
5K-10K	4.25	3.00	1.25	3/4-16UNF-2B	2,000-5,000	107.95	76.20	25.40	M20x1.5
15K	5.50	4.00	1.25	1-14UNF-2B	7,000	139.70	101.60	31.75	M20x1.5
20K	7.00	5.00	2.00	1 1/4UNF-12UNF-2B	10,000	177.80	127.00	50.80	M30x2
40K	7.50	5.50	2.50	1 1/2UNF-12UNF-2B	20,000	190.50	139.70	63.50	M38

INTERCHANGEABLE PRODUCTS

Celtron: **STC**
 Sensortronics: **60001**
 Rice Lake: **RL20001**
 Artech: **20210**
 Coti Global Sensors: **CGSB**

**WEIGHING MODULE AVAILABLE
 SL-312-TM**
SPECIFICATIONS
Rated Capacity:

lb: 50/100/150/200/250/300/
 500/750/1K/1.5K/2K/2.5K/3K/
 5K/10K/15K/20K/40K

Rated Output:

3.0mV/V

Non-linearity:

±0.03% F.S.

Hysteresis:

±0.02% F.S.

Repeatability:

±0.02% F.S.

Creep (30 minutes):

±0.03% F.S.

Temperature Effect on Span:

±0.0015% F.S./C

Temperature Effect on Zero:

±0.0027% F.S./C

Zero Balance:

±1.00% F.S./C

Insulation Resistance:

>5000 MEGOHMS

Input Resistance:

350±10Ω

Output Resistance:

350±5Ω

Safe Overload:

150% F.S.

Destructive Overload:

200% F.S.

Excitation Recommended:

10-20V AC/DC

Operation Temperature:

-10°C - + 40°C (14°F - 104°F)

Material/Finish:

Alloy Steel

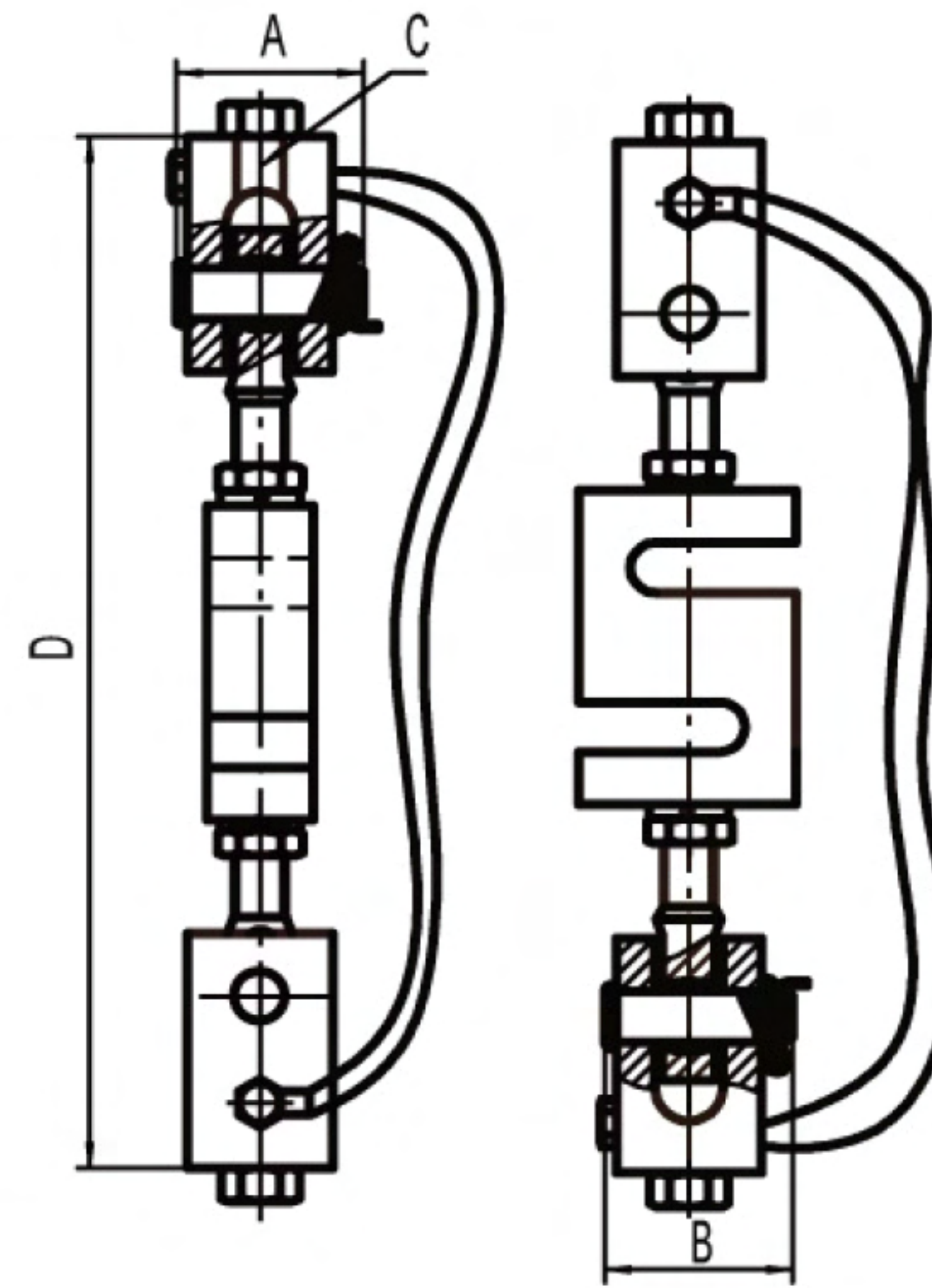
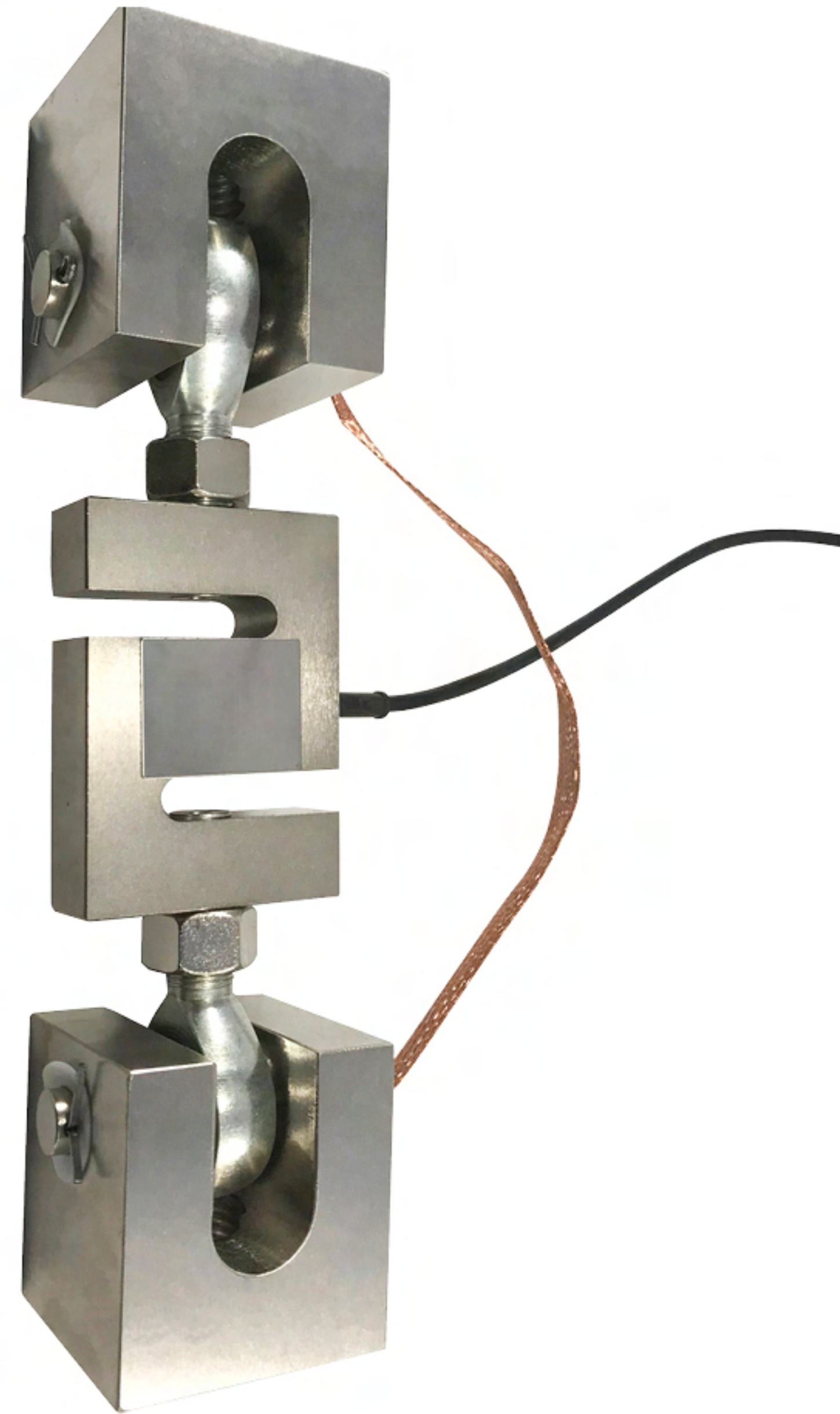
Cable Length:

STANDARD
 50-10K lbs: 20ft/6m
 15K-40K lbs: 40ft/12m

Load Cell Wiring:

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

SL-312-TM Weighing Assemblies, Nickel Platted Alloy Steel | IP67

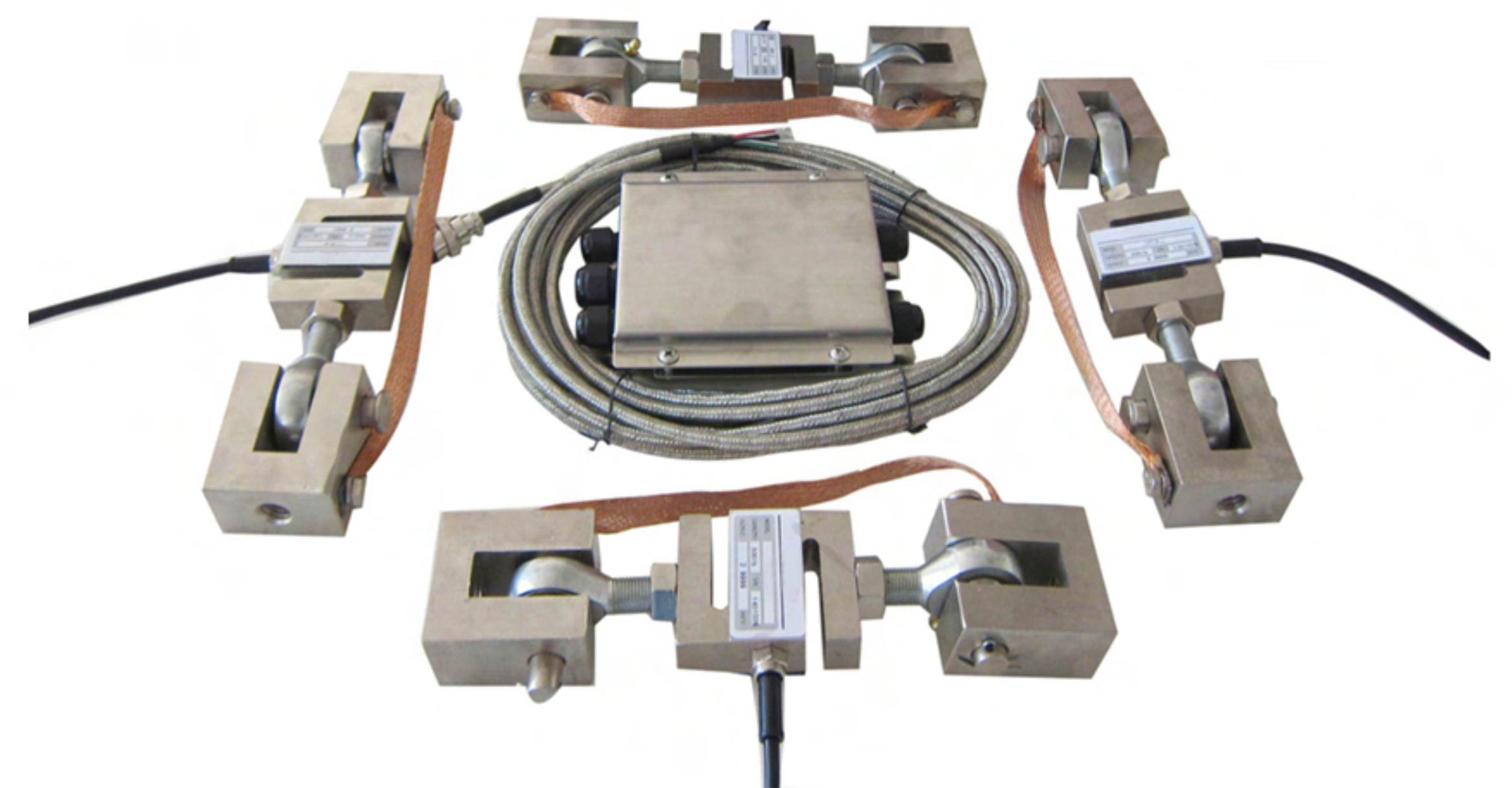


PRICE	
PART#	CAPACITY
SL-312-TM-0.05	50 lbs
SL-312-TM-0.1	100 lbs
SL-312-TM-0.15	150 lbs
SL-312-TM-0.2	200 lbs
SL-312-TM-0.25	250 lbs
SL-312-TM-0.3	300 lbs
SL-312-TM-0.5	500 lbs
SL-312-TM-0.75	750 lbs
SL-312-TM-1	1,000 lbs
SL-312-TM-1.5	1,500 lbs
SL-312-TM-2	2,000 lbs
SL-312-TM-2.5	2,500 lbs
SL-312-TM-3	3,000 lbs
SL-312-TM-5	5,000 lbs
SL-312-TM-10	10,000 lbs
SL-312-TM-15	15,000 lbs
SL-312-TM-20	20,000 lbs

RATED CAPACITY	DIMENSIONS				RATED CAPACITY	DIMENSIONS			
	A	B	C	D		A	B	C	D
lb/inches					kg/mm				
50-250 lbs	2.00	1.81	1/2-13 UNF	7.00	45-113 kg	50.80	45.97	1/2-13 UNF	177.80
50-250 lbs	2.00	1.81	3/8-16 UNF	7.00	45-113 kg	50.80	45.97	3/8-16 UNF	177.80
500-2,000 lbs	2.68	1.81	1/2-13 UNF	9.50	227-907 kg	68.07	45.97	1/2-13 UNF	241.30
500-2,500 lbs	2.68	2.68	5/8-11 UNF	9.50	227-907 kg	68.07	68.07	5/8-11 UNF	241.30
500-2,500 lbs	2.68	2.68	3/4-10 UNF	9.50	227-907 kg	68.07	68.07	3/4-10 UNF	241.30
3,000 lbs	3.37	3.37	3/4-10 UNF	10.50	1,361 kg	85.60	85.60	3/4-10 UNF	266.70
5,000 lbs	3.37	3.37	3/4-10 UNF	12.25	2,268 kg	85.60	85.60	3/4-10 UNF	311.15
5K - 10K lbs	3.37	3.37	1-8 UNF	12.25	2,268-4,536 kg	85.60	85.60	1-8 UNF	311.15
15,000 lbs	4.00	4.12	1 1/4-7 UNF	18.00	6,804 kg	101.60	104.65	1 1/4-7 UNF	457.20
20,000 lbs	5.00	4.12	1 1/2-6 UNF	20.00	9,072 kg	127.00	104.65	1 1/2-6 UNF	508.00

COMPLETE KIT INCLUDES:

- 3 or 4 SL-312 alloy steel load cells
- 3 or 4 SL-312-TM tension mounts
- 1 SL-416-SS stainless junction box


SPECIFICATIONS
Rated Capacity:

lbs: 50/100/150/200/250/300/500/750/
1K/1.5K/2K/2.5K/3K/5K/10K/15K/20K

Rated Output:

3.0mV/V

Load Cell Resistance:

385 OHMS

Load Cell Cable:

Standard Cable:
50 - 10K lbs: 20ft/6m
15K - 20K lbs: 40ft/12m

Safe Overload:

150% F.S

Destructive Load:

300% F.S

Excitation Recommended:

10-20V AC/DC

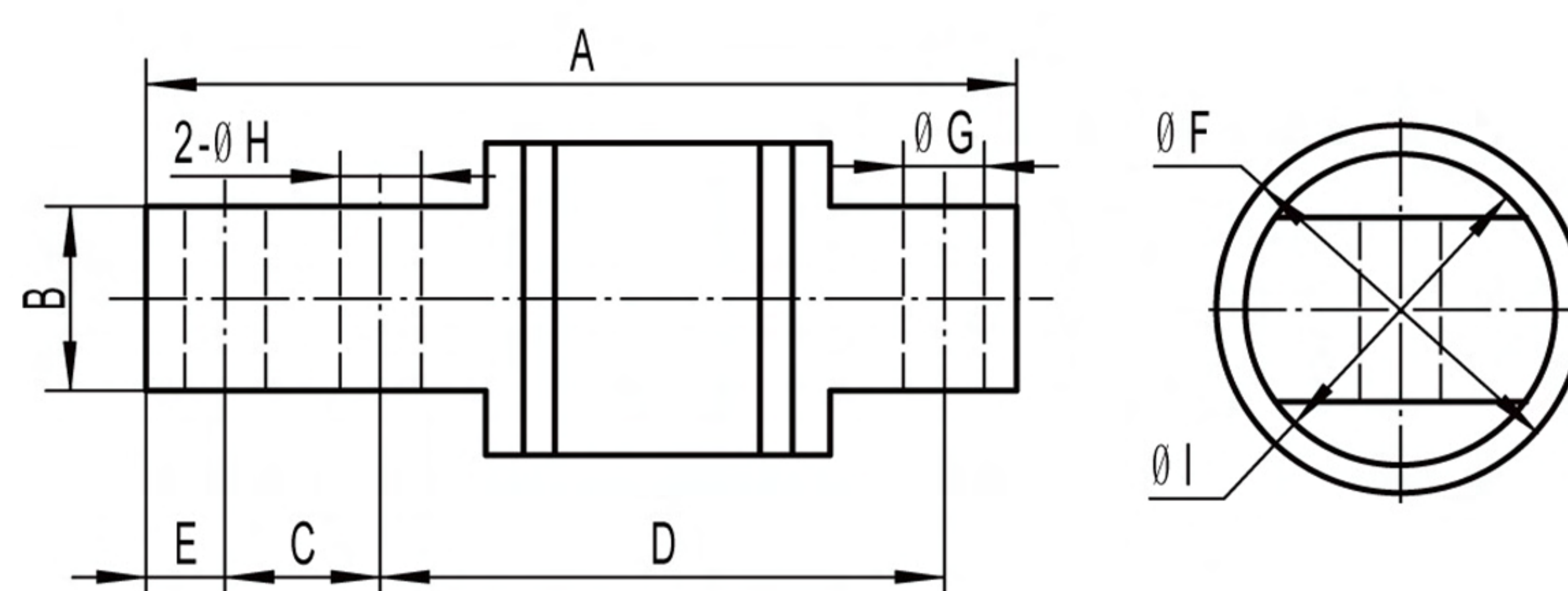
Operation Temperature:

-20°C - 60°C (-4°F - 104°F)

Construction:

Load Cell: Alloy Steel
Module: Alloy Steel

SL-336 Single Ended Beam, Alloy Steel | IP67



Interchangeable Products

- ◆ Artech **50210**
- ◆ Revere **5503**
- ◆ Revere **9503**
- ◆ Rice Lake **RL50210**
- ◆ Rice Lake **RL60040SST**
- ◆ Sensortronics **60040**
- ◆ Coti Global Sensors **CG-60040**

RATED CAPACITY	DIMENSIONS								
	A	B	C	D	E	F	G	H	I
lb/inches									
25-500 lb	2.81	0.62	0.50	1.81	0.25	1.30	0.26	0.26	1.00
kg/mm									
11.34-226.8 kg	71.37	15.75	12.7	45.97	6.35	33.02	6.60	6.60	25.40

Rated Capacity:

25/50/75/100/150 /250/500 lb

Rated Output:

3.0mV/V

Non-linearity:

±0.03% F.S.

Hysteresis:

±0.03% F.S.

Repeatability:

±0.02% F.S.

Temperature Effect on Span:

±0.0015% F.S./°C

Temperature Effect on Zero:

±0.0027% F.S./°C

Zero Balance:

±1.00% F.S.

Insulation Resistance:

> 5000 MEGOHMS

Compensated Temperature Range:

-10°C - +40°C (14°F-104°F)

Creep(30 minutes):

±0.03% F.S.

Input Resistance:

385±20Ω

Output Resistance:

350±3Ω

Safe Overload:

150% F.S.

Excitation Recommended:

10-20V AC/DC

Material/Finish:

Alloy Steel

Cable Length:

Standard Cable

20ft/6m

Load Cell Wiring:

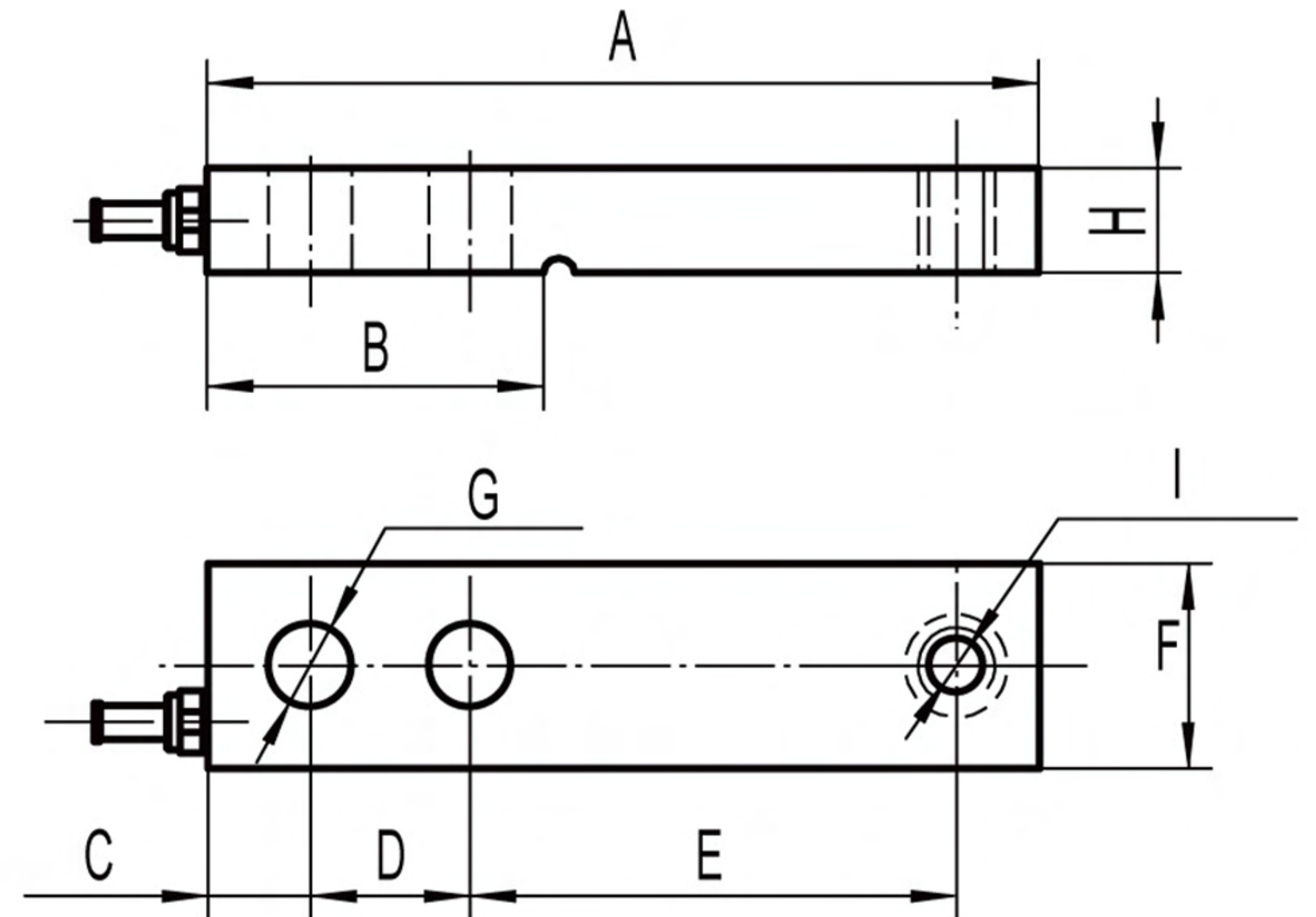
Red.....+Excitation

Black.....- Excitation

Green+Signal

White- Signal

SL-355 Single Ended Beam (Low Profile), Alloy Steel | IP67



RATED CAPACITY	DIMENSIONS								
	A	B	C	D	E	F	G	H	I
t/mm									
0.1-0.5 t	128.50	51.20	14.20	25.40	76.20	31.80	Ø13	15.90	M12-6H
0.75-1 t	128.50	51.20	14.20	25.40	76.20	31.80	Ø13	19.10	M12-6H
1.5-2 t	128.50	51.20	14.20	25.40	76.20	31.80	Ø13	25.40	M12-6H
lb/inch									
250-1K lb	5.06	2.02	0.56	1.00	3.00	1.25	Ø0.51	0.63	1/2-20 UNF
1.5K-2K lb	5.06	2.02	0.56	1.00	3.00	1.25	Ø0.51	0.75	1/2-20 UNF
3K-4K lb	5.06	2.02	0.56	1.00	3.00	1.25	Ø0.51	1.00	1/2-20 UNF

Rated Capacity:

 0.1/0.2/0.3/0.5/0.75
/1/1.5/2 t

Rated Output:

2.0mV/V

Non-linearity:

±0.03% F.S.

Hysteresis:

±0.03% F.S.

Repeatability:

±0.02% F.S.

Temperature Effect on Span:

±0.0015% F.S./°C

Temperature Effect on Zero:

±0.0027% F.S./°C

Zero Balance:

±1.00% F.S.

Insulation Resistance:

>5000 MEGOHMS

Compensated Temperature Range:

-10°C - +40°C(14°F-104°F)

Creep(30 minutes):

±0.03% F.S.

Input Resistance:

385±20Ω

Output Resistance:

350±3Ω

Safe Overload:

150% F.S.

Excitation Recommended:

10-20V AC/DC

Material/Finish:

Alloy Steel

Cable Length:

Standard Cable

20ft/6m

Load Cell Wiring:

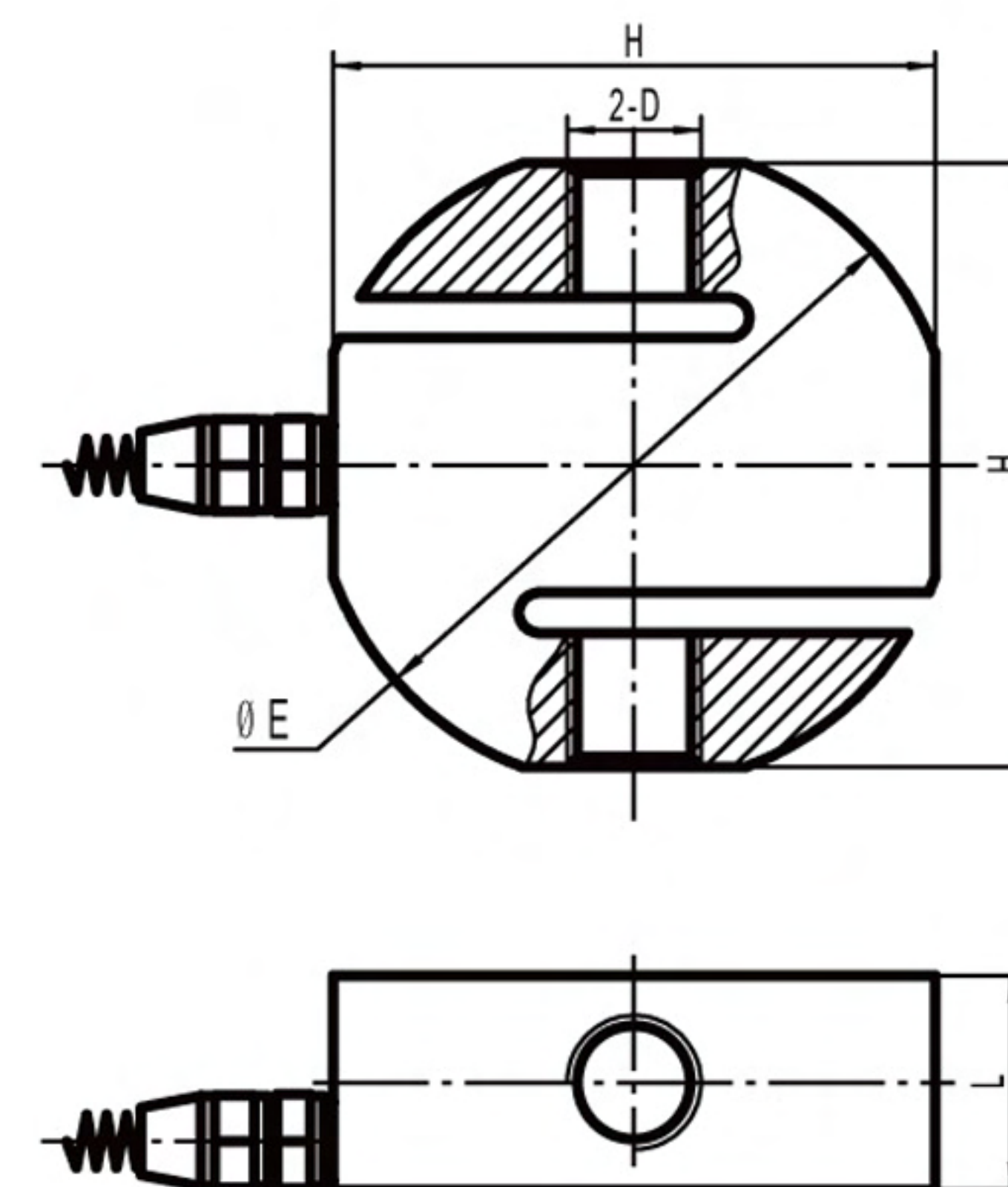
Red.....+Excitation

Black.....- Excitation

Green.....+Signal

White.....- Signal

SL-359 Single-Beam, Stainless Steel | IP67



RATED CAPACITY	DIMENSIONS				RATED CAPACITY	DIMENSIONS			
	L	H	E	D		L	H	E	D
kg/mm					lb/inches				
20-150 kg	12.00	70.00	Φ 76.00	M8	50-300 lb	0.47	2.76	Φ 3.00	M8
200-500 kg	20.00	70.00	Φ 76.00	M12	500-1K lb	0.79	2.76	Φ 3.00	M12
700-1,000 kg	25.00	70.00	Φ 76.00	M12	1.5K-2K lb	0.98	2.76	Φ 3.00	M12
1,200-5,000 kg	32.00	90.00	Φ 95.00	M20	2.5K-10K lb	1.26	3.54	Φ 3.74	M20
7,500 kg	40.00	90.00	Φ 95.00	M24	15K lb	1.57	3.54	Φ 3.74	M24
10,000 kg	50.00	110.00	Φ 95.00	M30x2	20K lb	1.97	4.33	Φ 3.74	M30x2

Rated Capacity:

20/30/50/75/100/150
200/250/300/500
/700 kg
1/1.2/1.5/2/2.5/3/5
7.5/10 t

Rated Output:

2.0mV/V
(20kg-7.5t)
1.8mV/V(10t)

Non-linearity:

±0.02% F.S.

Hysteresis:

±0.02% F.S.

Repeatability:

±0.02% F.S.

Temperature Effect on Span:

±0.0015% F.S./°C

Temperature Effect on Zero:

±0.0027% F.S./°C

Zero Balance:

±1.00% F.S.

Insulation Resistance:

> 5000 MEGOHMS

Compensated Temperature Range:

-10°C - +40°C(14°F-104°F)

Creep(30 minutes):

±0.02% F.S.

Input Resistance:

385±20Ω

Output Resistance:

350±3Ω

Safe Overload:

150% F.S.

Excitation Recommended:

10-20V AC/DC

Material/Finish:

Stainless Steel

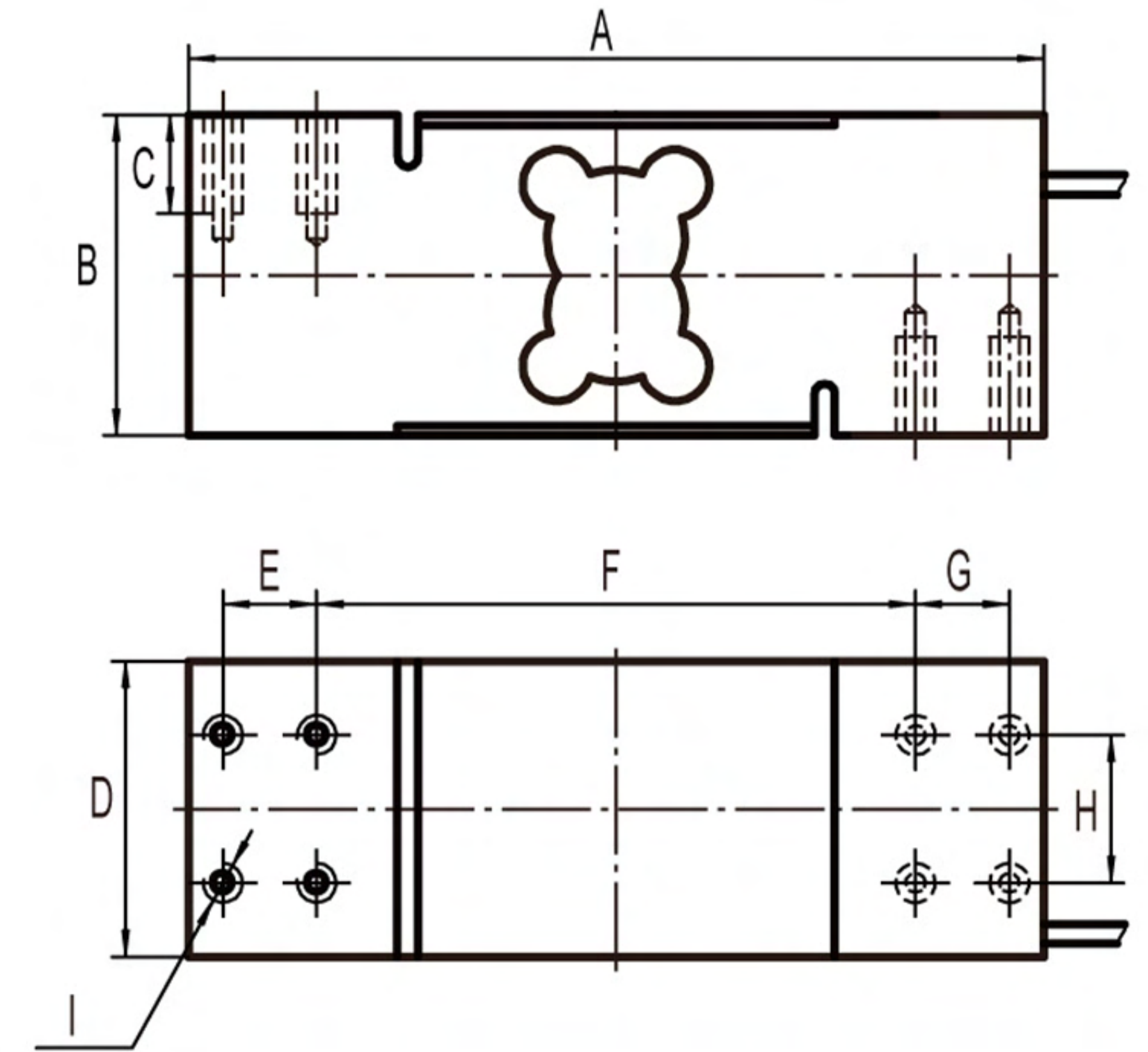
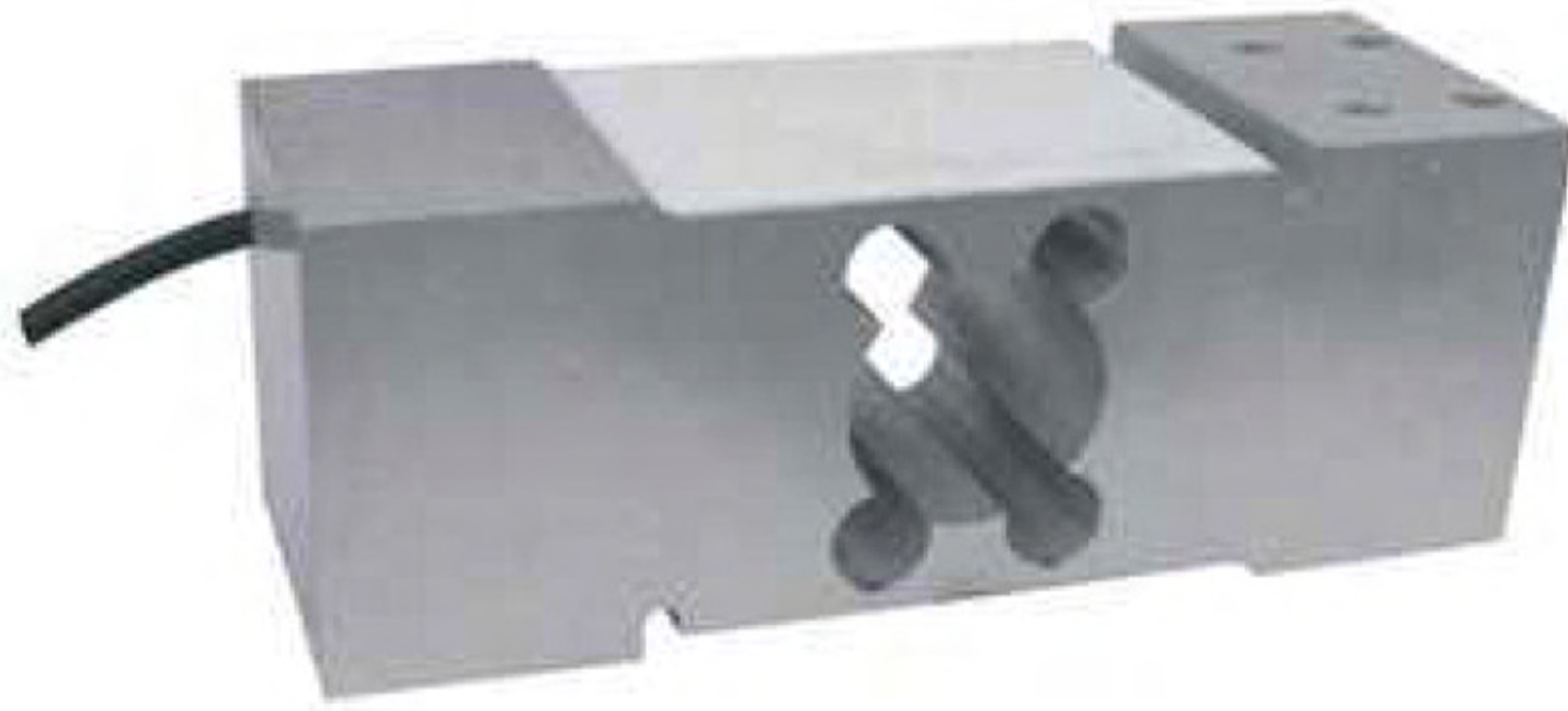
Cable Length:

Standard Cable
20ft/6m

Load Cell Wiring:

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

SL-362 Single Point Beam, Aluminum | IP67



RATED CAPACITY	DIMENSIONS								
	A	B	C	D	E	F	G	H	I
kg/mm									
50-1,000 kg	174.00	64.00	20.00	60.00	19.00	122.00	19.00	30.00	8-M8
lb/inches									
100-2,000 lb	6.85	2.52	0.79	2.36	0.75	4.80	0.75	1.18	8-M8

Rated Capacity:
50/60/75/100/150/200
/250/300/350/500/600
/635/750/800/1,000 kg

Rated Output:
2.0±0.2mV/V

Non-linearity:
±0.02% F.S.

Hysteresis:
±0.02% F.S.

Repeatability:
±0.02% F.S.

Creep(30 minutes):
±0.03% F.S.

Temperature Effect on Span:
±0.0015% F.S./°C

Temperature Effect on Zero:
±0.0027% F.S./°C

Zero Balance:
±1.00% F.S.

Insulation Resistance:
> 5000 MEGOHMS

Input Impedance:
410±10Ω

Output Impedance:
350±3Ω

Safe Overload:
150% F.S.

Destructive Load:
200% F.S.

Excitation Recommended:
10-15V AC/DC

Material/Finish:
Aluminum

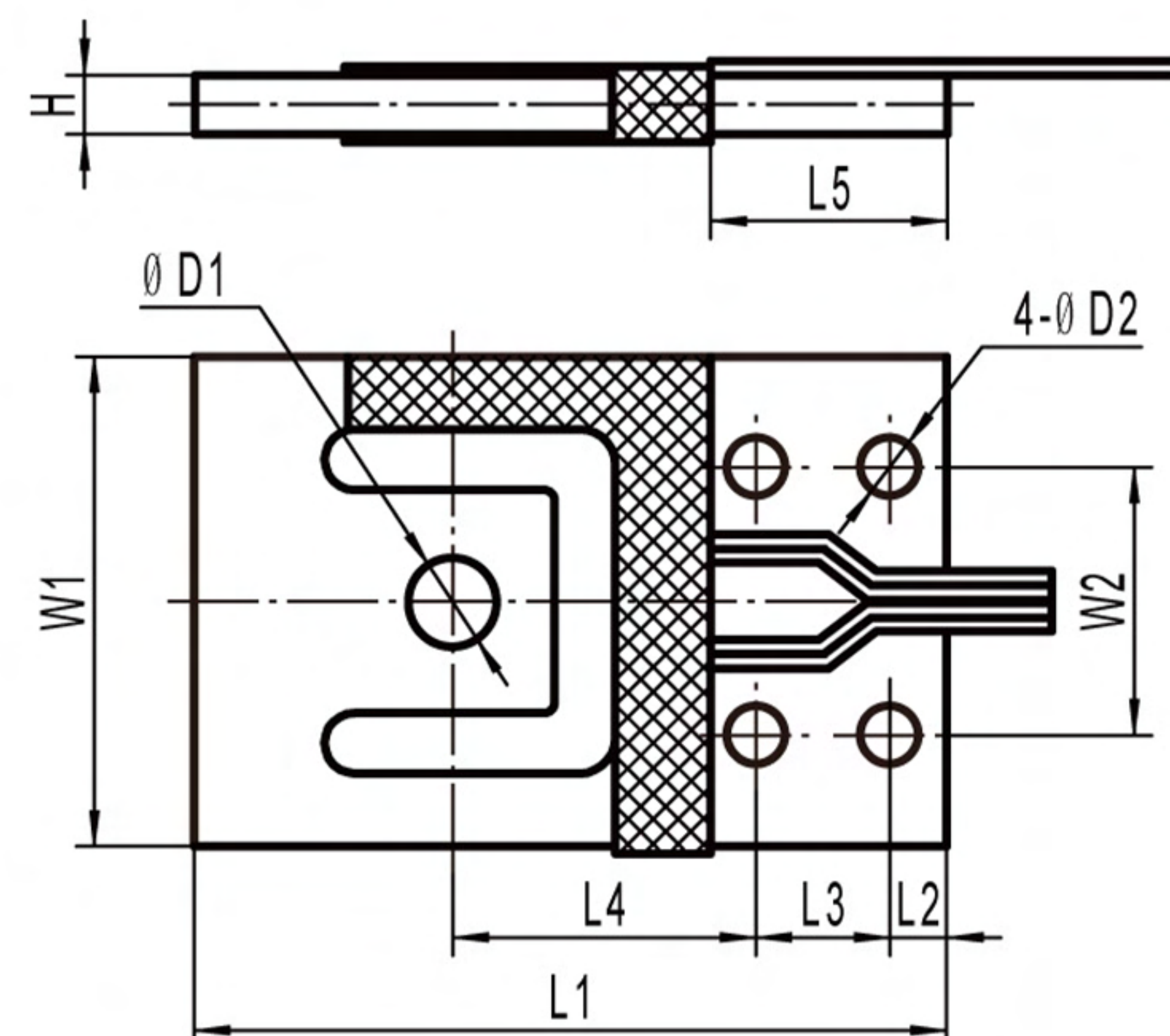
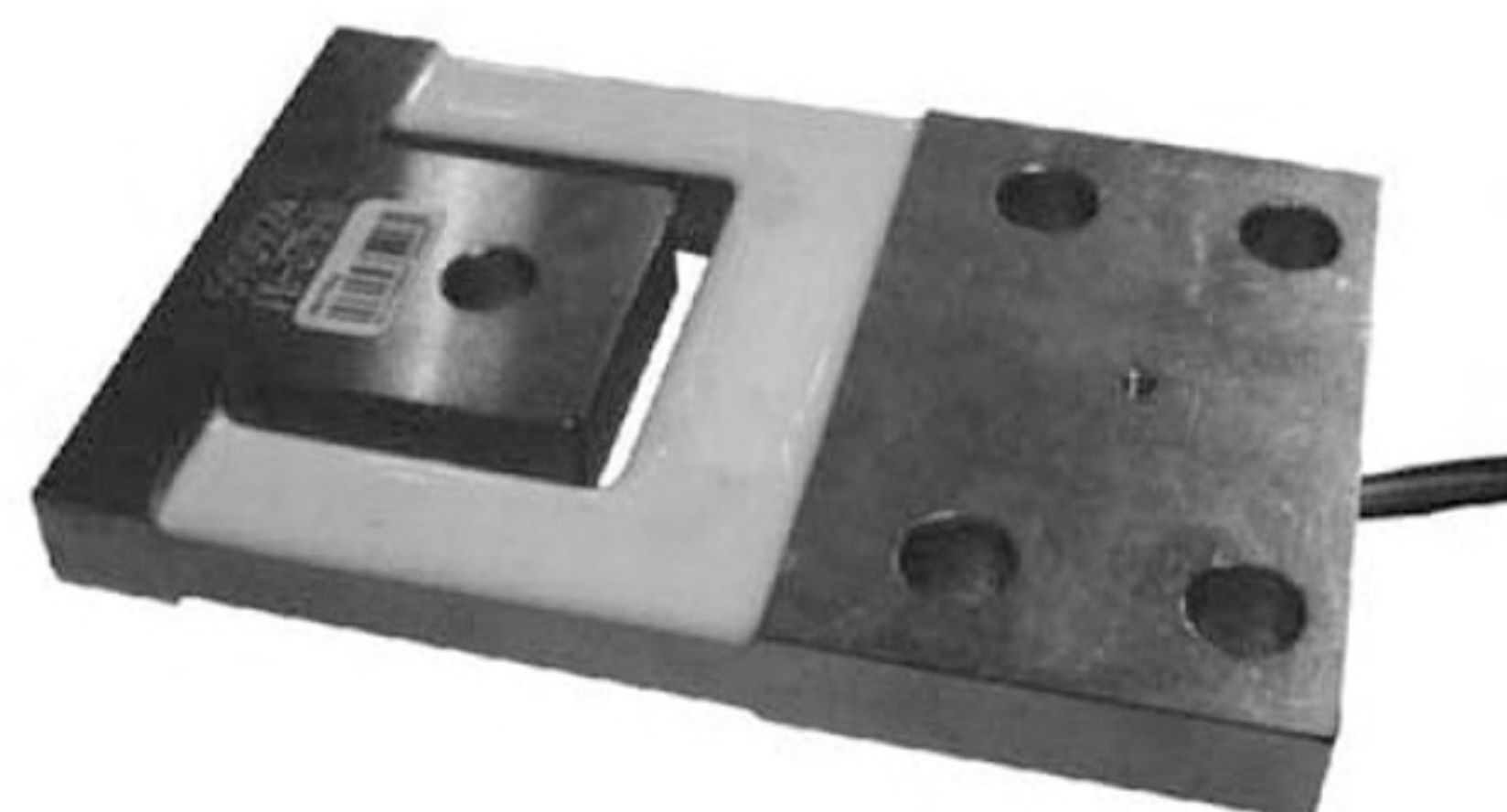
Operation Temperature:
-10°C - +40°C (14°F - 104°F)

Cable Length:
Standard Cable
10ft/3m

Load Cell Wiring:
Red.....+Excitation
Black.....- Excitation
Green+Signal
White- Signal

Max Platform Size:
600mm x 600mm

SL-363 Single Point Beam, Aluminum | IP67



RATED CAPACITY	DIMENSIONS									
	L1	L2	L3	L4	L5	W1	W2	H	ØD1	ØD2
kg/mm										
3.75 kg	70.00	4.90	14.00	28.00	23.70	39.00	27.80	2.00	5.10	5.10
7.5 kg	70.00	4.90	14.00	28.00	23.70	39.00	27.80	2.50	5.10	5.10
15 kg	70.00	4.90	14.00	28.00	23.70	39.00	27.80	4.10	7.60	5.10
37.5 kg	76.20	6.00	15.00	29.30	27.00	44.50	30.00	4.80	7.60	6.60
75 kg	84.40	6.40	15.00	34.00	27.70	54.80	30.00	6.40	7.60	6.60
150 kg	107.30	7.80	22.90	45.90	38.40	69.90	44.50	7.90	9.10	8.10
375 kg	119.40	9.10	25.40	52.60	43.70	76.10	50.80	12.70	9.10	9.80
lb/inches										
10 lb	2.75	0.19	0.55	1.10	0.93	1.54	1.09	0.08	0.20	0.20
15 lb	2.75	0.19	0.55	1.10	0.93	1.54	1.09	0.10	0.20	0.20
30 lb	2.75	0.19	0.55	1.10	0.93	1.54	1.09	0.16	0.30	0.20
75 lb	3.00	0.24	0.59	1.15	1.06	1.75	1.18	0.19	0.30	0.26
150 lb	3.32	0.25	0.59	1.34	1.09	2.16	1.18	0.25	0.30	0.26
300 lb	4.22	0.31	0.90	1.81	1.51	2.75	1.75	0.31	0.36	0.32
750 lb	4.70	0.36	1.00	2.07	1.72	3.00	2.00	0.50	0.36	0.39

Rated Capacity:

 3.75/7.5/15/37.5/75/150
/375 kg

Rated Output:

1.0±0.1mV/V

Non-linearity:

±0.02% F.S.

Hysteresis:

±0.02% F.S.

Repeatability:

±0.02% F.S.

Creep(30 minutes):

±0.03% F.S.

Temperature Effect on Span:

±0.0015% F.S./°C

Temperature Effect on Zero:

±0.0027% F.S./°C

Zero Balance:

±1.00% F.S.

Insulation Resistance:

>5000 MEGOHMS

Input Impedance:

1220±15Ω

Output Impedance:

1000±5Ω

Safe Overload:

150% F.S.

Destructive Load:

200% F.S.

Excitation Recommended:

10-15V AC/DC

Material/Finish:

Aluminum

Operation Temperature:

-10°C - +40°C (14°F - 104°F)

Cable Length:

 Standard Cable
10ft/3m

Load Cell Wiring:

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

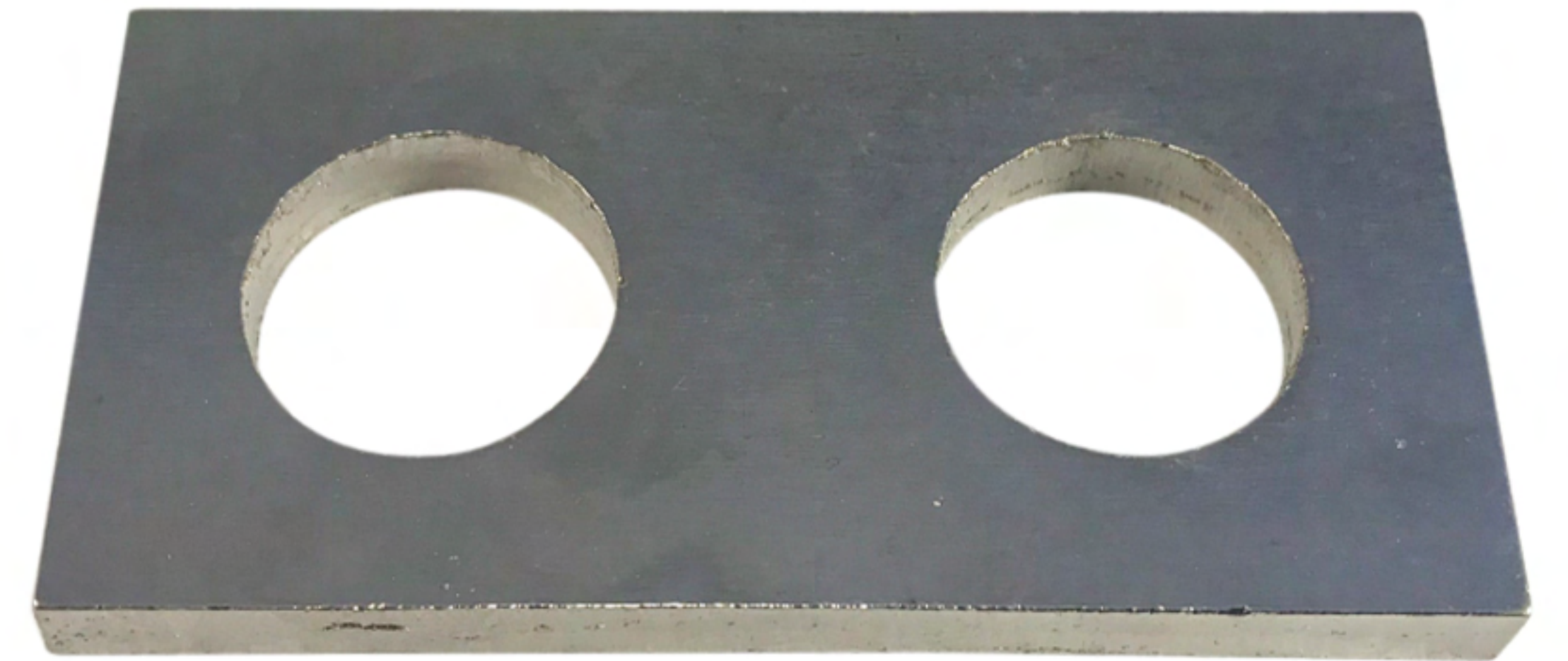
SL-435 Spacer Plate for SL-818 Shear Beam

LOAD CELL SPACERS

FEATURES

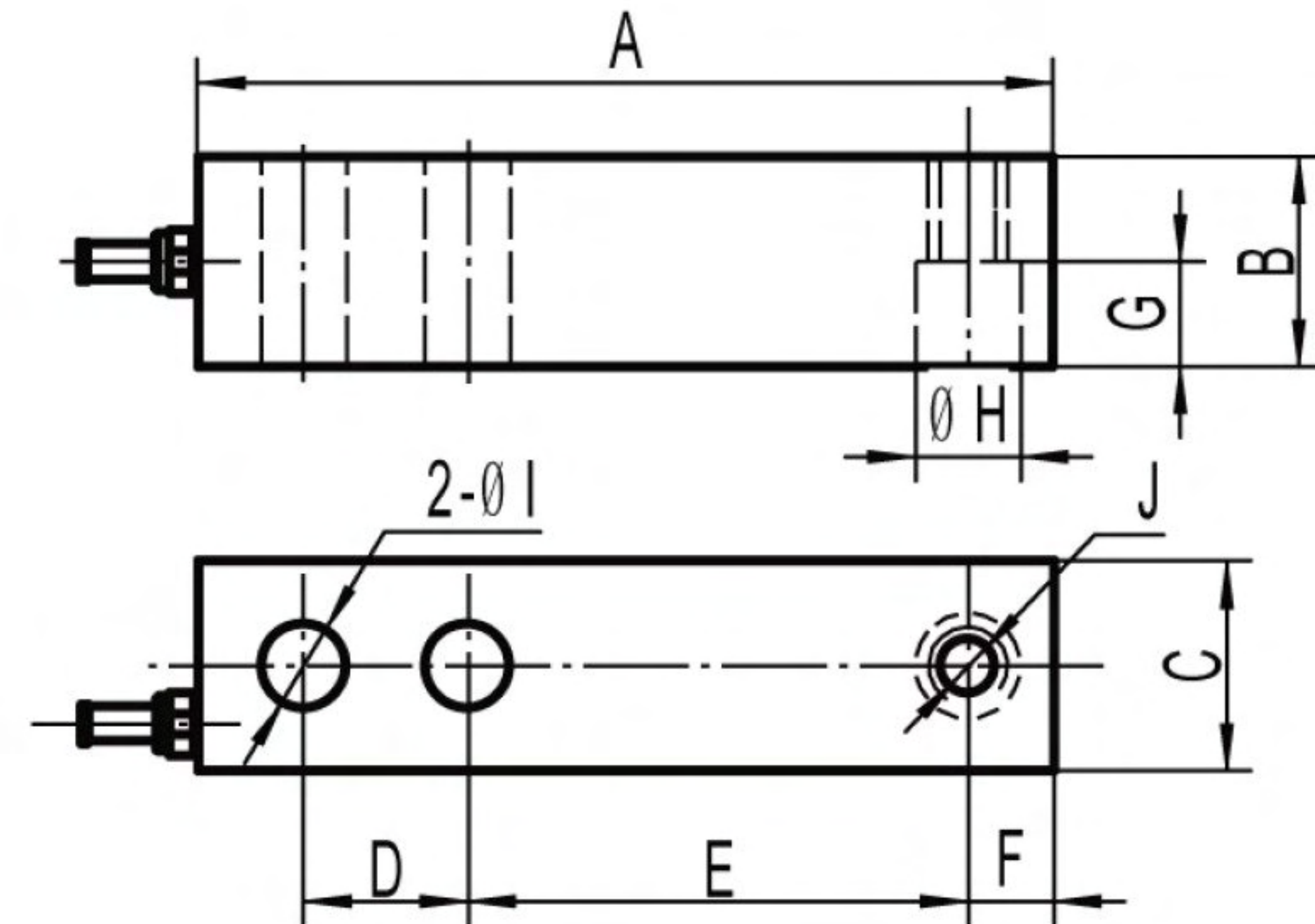
- For use with single-ended beam load cells
- Provides flat mounting surface
- Compensate for spacing issues with load cell height during installations

PART #	THICKNESS	DIMENSIONS	HOLE SIZE
12133	0.07 (7/10)"	1.28 x 0.94"	0.3"
12134	0.125 (1/8)"	2.18 x 1.24"	0.5"
12135	0.22 ~ (1/4)"	3.16 x 1.51"	0.78"
12136	0.36 ~ (3/8)"	4 x 2"	1"



SL-818 Single Ended Beam, Nickel Plated Alloy Steel | IP67

NTEP 1:15,000 Class III, Multiple Cells



SPECIFICATIONS		
PART#	CAPACITY	ENVELOPE
SL-818-0.25	250 lbs	Small
SL-818-0.5	500 lbs	Small
SL-818-1	1,000 lbs	Small
SL-818-1.5	1,500 lbs	Small
SL-818-2.5	2,500 lbs	Small
SL-818-4	4,000 lbs	Small
SL-818-5	5,000 lbs	Small
SL-818LE-5	5,000 lbs	Large
SL-818-10	10,000 lbs	Large
SL-818-15	15,000 lbs	Large
SL-818-20	20,000 lbs	Large

RATED CAPACITY	DIMENSIONS										
	A	B	C	D	E	F	G	H	I	J	
lb/inches											
100-5K lbs	5.12	1.25	1.25	1.00	3.00	0.50	0.62	0.53	0.53	1/2-20UNF	
5K LE-10K lbs	6.75	1.50	1.50	1.50	3.75	0.75	0.75	0.78	0.78	3/4-6UNF	
15K-20K lbs	8.88	2.00	2.00	2.00	4.88	1.00	1.00	1.03	1.03	1-14UNF	
kg/mm											
45-2,268 kg	130.05	31.75	31.75	25.40	76.20	12.70	15.75	13.46	13.46	1/2-20UNF	
2,268 LE-4,536 kg	171.45	38.10	38.10	38.10	95.25	19.05	19.05	19.81	19.81	3/4-16UNF	
6,804-9,072 kg	225.55	50.80	50.80	50.80	123.95	25.40	25.40	26.16	26.16	1-14UNF	
kg/mm											
50-2,500 kg	130.05	31.75	31.75	25.40	76.20	12.70	15.75	13.46	13.46	M12	
3,000-5,000 kg	171.45	38.10	38.10	38.10	95.25	19.05	19.05	19.81	19.81	M20	
7,000-10,000 kg	225.55	50.80	50.80	50.80	123.95	25.40	25.40	26.16	26.16	M24X2	
lb/inches											
110-5.5K lbs	5.12	1.25	1.25	1.00	3.00	0.50	0.62	0.53	0.53	M12	
6.6K-11K lbs	6.75	1.50	1.50	1.50	3.75	0.75	0.75	0.78	0.78	M20	
15.4K-22K lbs	8.88	2.00	2.00	2.00	4.88	1.00	1.00	1.03	1.03	M24X2	

Note: LE - large envelope

SPECIFICATIONS
Rated Capacity:

lb: 100/250/500/750K/1K/1.5K/
2K/2.5K/4K/5K/5K LE/
10K/15K/20K
kg: 50/100/200/300/500/1,000
1,500/2,000/2,500/3,000/
5,000/7,000/10,000

Rated Output:

3.0mV/V

Non-Linearity:

±0.03% F.S.

Hysteresis:

±0.03% F.S.

Repeatability:

±0.02% F.S.

Creep (30 minutes):

±0.02% F.S.

Temperature Effect on Span:

±0.0015% F.S./C

Temperature Effect on Zero:

±0.0027% F.S./C

Zero Balance:

±1.00% F.S.

Insulation Resistance:

>5000 MEGOHMS

Input Impedance:

385±20Ω

Output Impedance:

350±3Ω

Safe Overload:

150% F.S

Destructive Load:

300% F.S

Excitation Recommended:

10-15V AC/DC

Material/Finish:

Alloy Steel

Operation Temperature:

-10°C - + 40°C (14°F - 104°F)

Cable Length:

Standard Cable - 20ft/6m

Load Cell Wiring:

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

INTERCHANGEABLE PRODUCTS

Artech: **30310**

Revere: **5123**

Celtron: **SQB**

HBM: **A35**

Rice Lake: **RL35023**

Coti Global Sensors: **CG-23**

Tedea: **3411**

Totalcomp: **TSB**

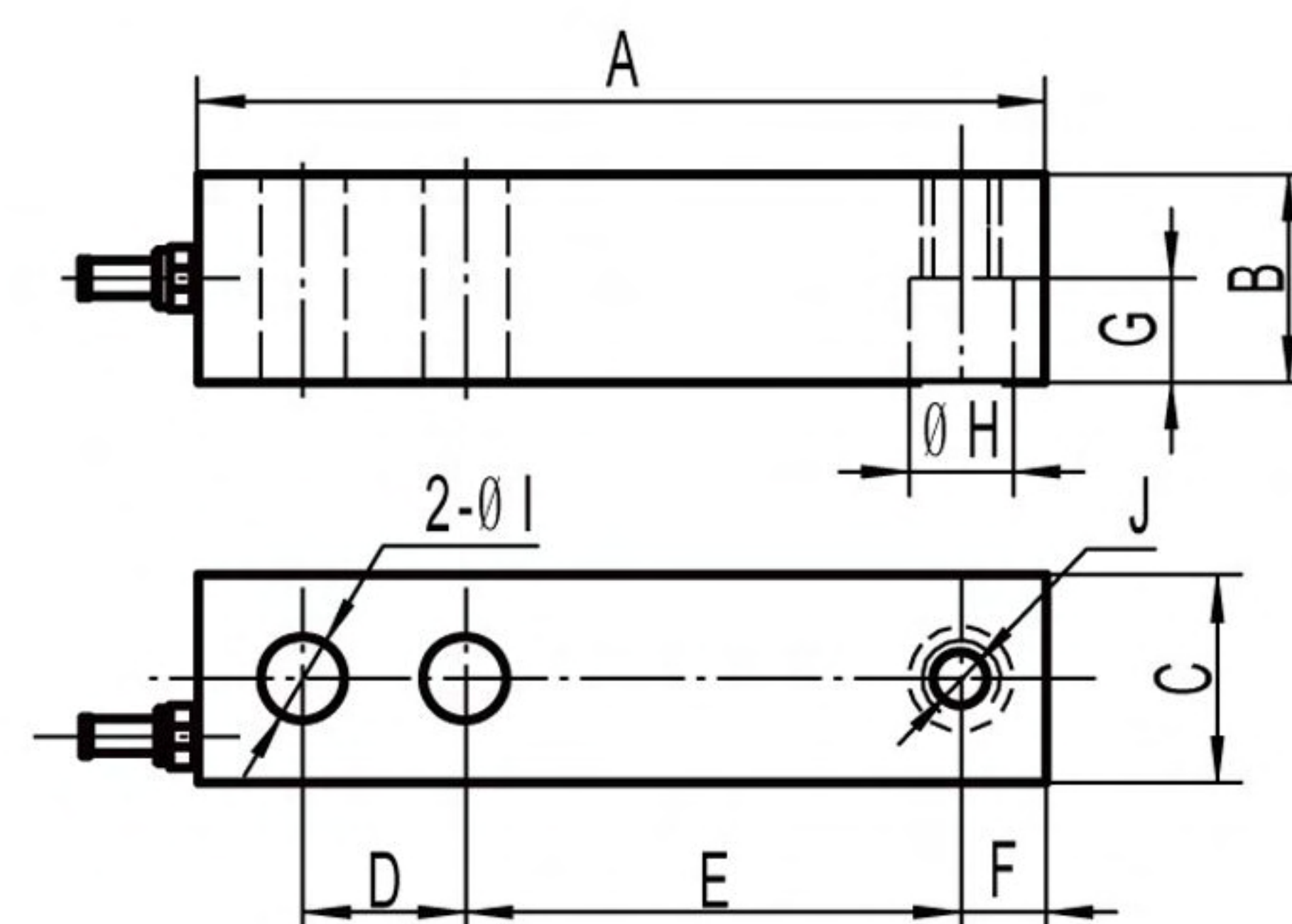
Sensortronics: **65023**

WEIGHING MODULES AVAILABLE

SL-818-TM

SL-818-SS Single-Ended Beam, Stainless Steel | IP67

NTEP 1:5,000 Class III Multiple Cell



Interchangeable Products

- ◆ Transcell **SBS**
- ◆ Artech **SS30310**
- ◆ Revere **9123**
- ◆ Sensortronics **65023S**
- ◆ Celtron **SQB SS**
- ◆ HBM **B35 RLWS**
- ◆ Rice Lake **RL35023S**
- ◆ Rice Lake **RL39123**
- ◆ Coti Global Sensors **CG-23-SS**

RATED CAPACITY	DIMENSIONS									
	A	B	C	D	E	F	G	H	I	J
lb/inches										
100-5K lb	5.12	1.25	1.25	1.00	3.00	0.50	0.62	0.53	0.53	1/2-20UNF
5K LE-10K lb	6.75	1.50	1.50	1.50	3.75	0.75	0.75	0.78	0.78	3/4-16UNF
15K-20K lb	8.88	2.00	2.00	2.00	4.88	1.00	1.00	1.03	1.03	1-14UNF
kg/mm										
45-2,268 kg	130.05	31.75	31.75	25.40	76.20	12.70	15.75	13.46	13.46	1/2-20UNF
2,268 LE-4,536 kg	171.45	38.10	38.10	38.10	95.25	19.05	19.05	19.81	19.81	3/4-16UNF
6,804-9,072 kg	225.55	50.80	50.80	50.80	123.95	25.40	25.40	26.16	26.16	1-14UNF
kg/mm										
50-2,500 kg	130.05	31.75	31.75	25.40	76.20	12.70	15.75	13.46	13.46	M12
3,000-5,000 kg	171.45	38.10	38.10	38.10	95.25	19.05	19.05	19.81	19.81	M20
7,000-10,000 kg	225.55	50.80	50.80	50.80	123.95	25.40	25.40	26.16	26.16	M24X2
lb/inches										
110-5.5K lb	5.12	1.25	1.25	1.00	3.00	0.50	0.62	0.53	0.53	M12
6.6K-11K lb	6.75	1.50	1.50	1.50	3.75	0.75	0.75	0.78	0.78	M20
15.4K-22K lb	8.88	2.00	2.00	2.00	4.88	1.00	1.00	1.03	1.03	M24X2

Note: LE: Large envelope .

Rated Capacity:
 100/250/500/750/1K
 /1.5K/2K/2.5K/4K/5K
 /5K LE/10K/15K/20K lb
 50/100/200/300/500/1,000
 1,500/2,000/2,500/3,000/5,000
 /7,000/10,000 kg

Rated Output:
 3.0mV/V

Non-linearity:
 ±0.03% F.S.

Hysteresis:
 ±0.03% F.S.

Repeatability:
 ±0.02% F.S.

Creep(30 minutes):
 ±0.02% F.S.

Temperature Effect on Span:
 ±0.0015% F.S./°C

Temperature Effect on Zero:
 ±0.0027% F.S./°C

Zero Balance:
 ±1.00% F.S.

Insulation Resistance:
 > 5000 MEGOHMS

Input Impedance:
 385±20Ω

Output Impedance:
 350±3Ω

Safe Overload:
 150% F.S.

Destructive Load:
 300% F.S.

Excitation Recommended:
 10-15V AC/DC

Material/Finish:
 Stainless Steel

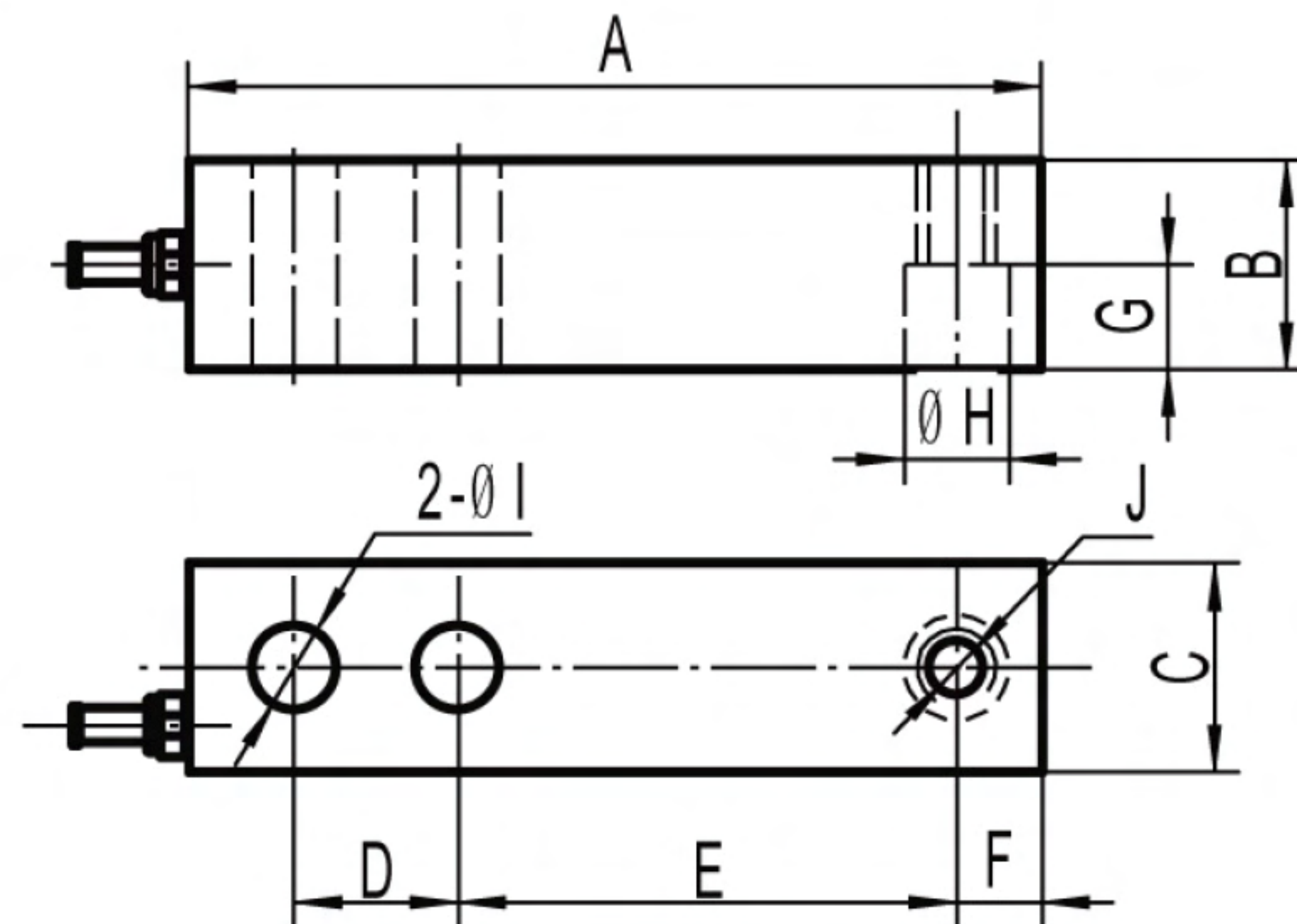
Operation Temperature:
 -10°C - +40°C (14°F - 104°F)

Cable Length:
 Standard Cable
 20ft/6m

Load Cell Wiring:
 Red.....+Excitation
 Black.....-Excitation
 Green.....+Signal
 White.....-Signal

SL-818-SSW Single-Ended Beam, Stainless Steel | IP68

NTEP 1:5,000 Class III Multiple Cell



SPECIFICATIONS		
PART#	CAPACITY	ENVELOPE
SL-818-SSW-0.5	500 lbs	Small
SL-818-SSW-0.75	750 lbs	Small
SL-818-SSW-1	1,000 lbs	Small
SL-818-SSW-1.5	1,500 lbs	Small
SL-818-SSW-2	2,000 lbs	Small
SL-818-SSW-2.5	2,500 lbs	Small
SL-818-SSW-4	4,000 lbs	Small
SL-818LE-SSW-5	5,000 lbs	Large
SL-818-SSW-10	10,000 lbs	Large
SL-818-SSW-15	15,000 lbs	Large
SL-818-SSW-20	20,000 lbs	Large

RATED CAPACITY	DIMENSIONS									
	A	B	C	D	E	F	G	H	I	J
lb/inches										
500-5K lbs	5.12	1.25	1.25	1.00	3.00	0.50	0.62	0.53	0.53	1/2-20UNF
5K LE-10K lbs	6.75	1.50	1.50	1.50	3.75	0.75	0.75	0.78	0.78	3/4-6UNF
15K-20K lbs	8.88	2.00	2.00	2.00	4.88	1.00	1.00	1.03	1.03	1-14UNF
kg/mm										
45-2,268 kg	130.05	31.75	31.75	25.40	76.20	12.70	15.75	13.46	13.46	1/2-20UNF
2,268 LE-4,536 kg	171.45	38.10	38.10	38.10	95.25	19.05	19.05	19.81	19.81	3/4-16UNF
6,804-9,072 kg	225.55	50.80	50.80	50.80	123.95	25.40	25.40	26.16	26.16	1-14UNF
kg/mm										
50-2,500 kg	130.05	31.75	31.75	25.40	76.20	12.70	15.75	13.46	13.46	M12
3,000-5,000 kg	171.45	38.10	38.10	38.10	95.25	19.05	19.05	19.81	19.81	M20
7,000-10,000 kg	225.55	50.80	50.80	50.80	123.95	25.40	25.40	26.16	26.16	M24X2
lb/inches										
110-5.5K lbs	5.12	1.25	1.25	1.00	3.00	0.50	0.62	0.53	0.53	M12
6.6K-11K lbs	6.75	1.50	1.50	1.50	3.75	0.75	0.75	0.78	0.78	M20
15.4K-22K lbs	8.88	2.00	2.00	2.00	4.88	1.00	1.00	1.03	1.03	M24X2

Note: LE - large envelope

SPECIFICATIONS

Rated Capacity:
lb: 500/750/1K/1.5K/2K/2.5K
 4K/5K/10K/15K/20K
kg: 300/500/1,000/1,500/2,000/
 2,500/3,000/5,000/7,000/10,000

Rated Output:
 3.0mV/V

Non-Linearity:
 ±0.03% F.S.

Hysteresis:
 ±0.03% F.S.

Repeatability:
 ±0.02% F.S.

Creep (30 minutes):
 ±0.02% F.S.

Temperature Effect on Span:
 ±0.0015% F.S./C

Temperature Effect on Zero:
 ±0.0027% F.S./C

Zero Balance:
 ±1.00% F.S.

Insulation Resistance:
 >5000 MEGOHMS

Input Impedance:
 385±20Ω

Output Impedance:
 350±3Ω

Safe Overload:
 150% F.S.

Destructive Load:
 300% F.S.

Excitation Recommended:
 10-15V AC/DC

Material/Finish:
 Stainless Steel

Operation Temperature:
 -10°C - + 40°C (14°F - 104°F)

Cable Length:
 Standard Cable - 20ft/6m

Load Cell Wiring:
 Red..... +Excitation
 Black..... -Excitation
 Green..... +Signal
 White..... -Signal

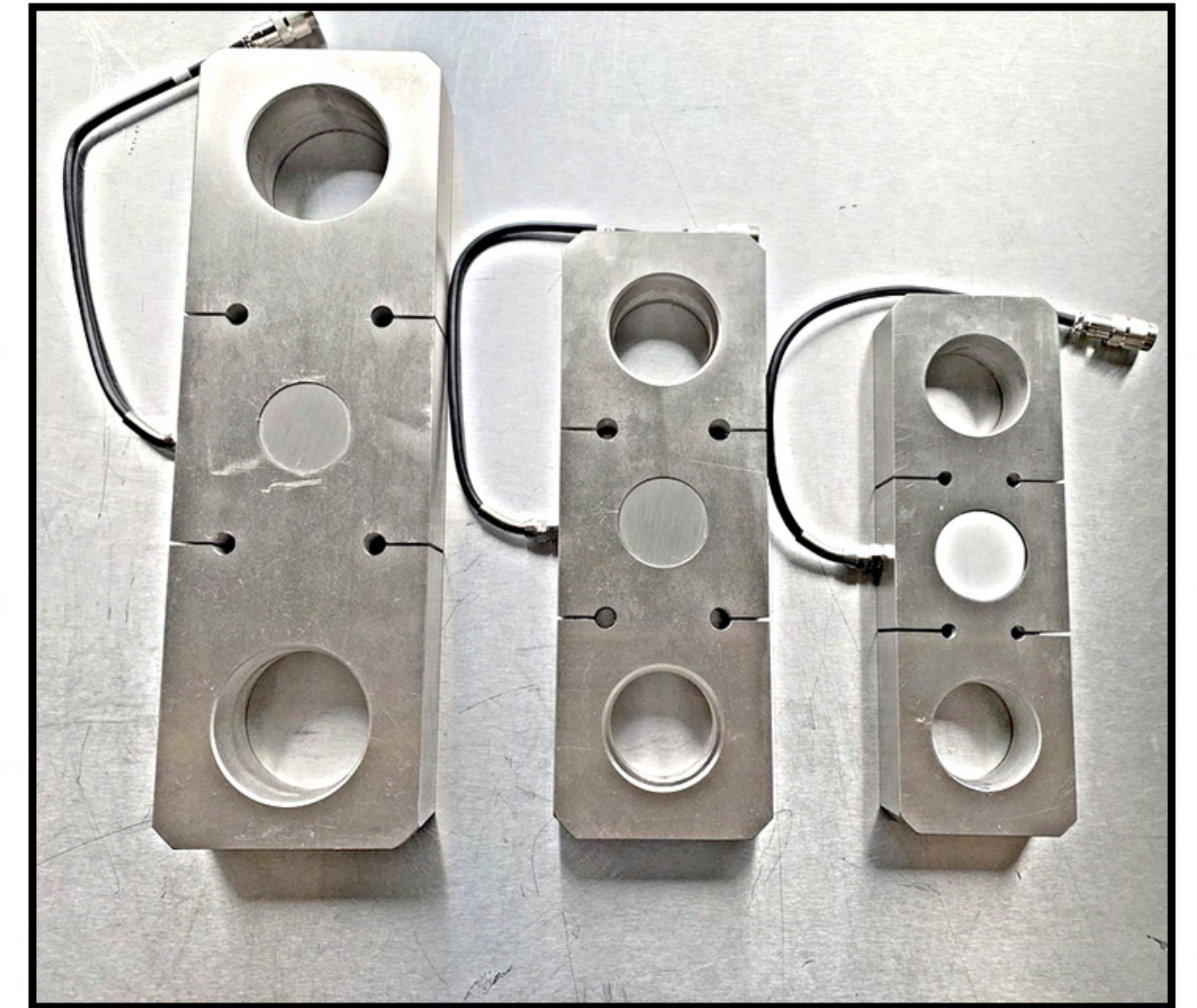
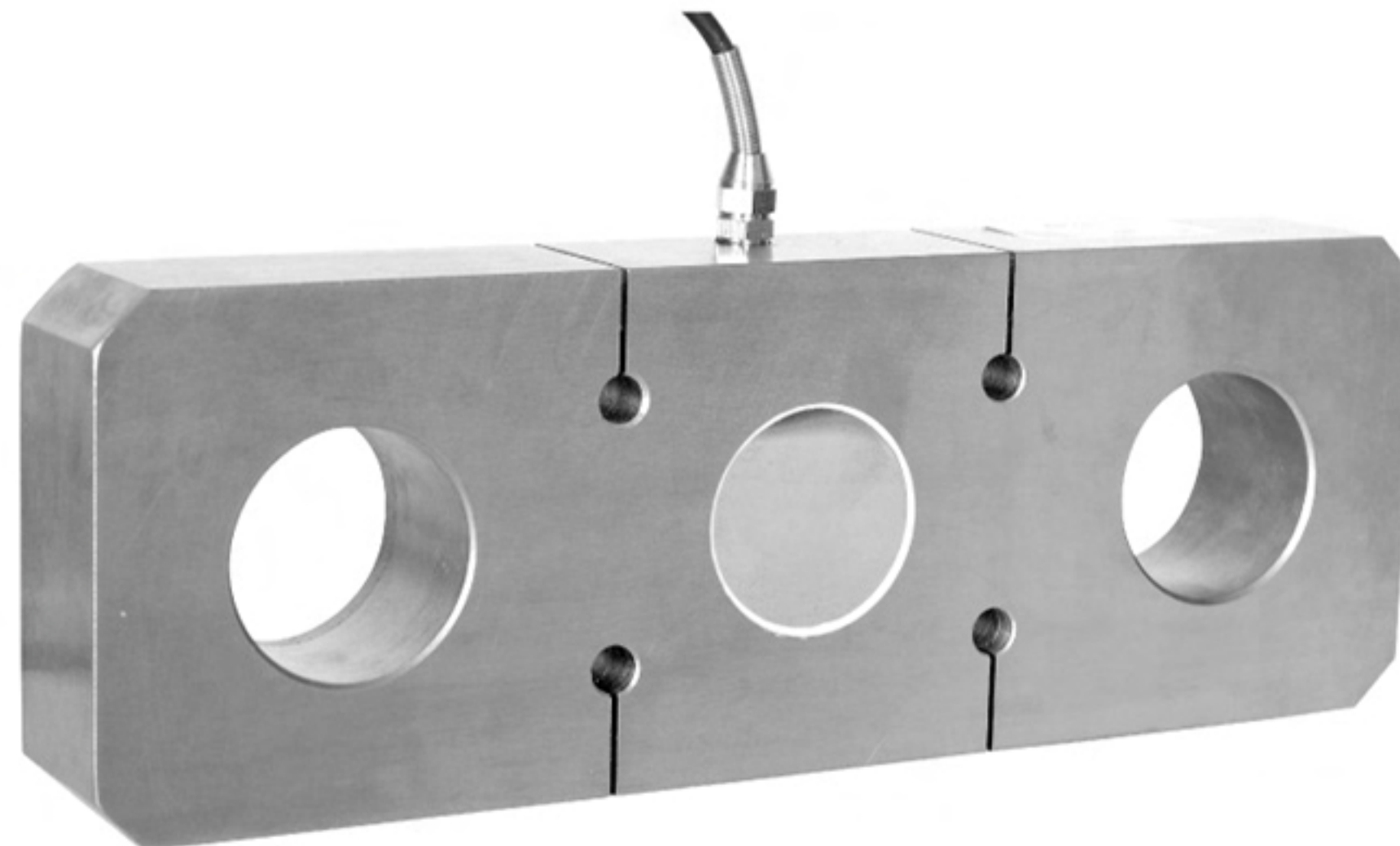
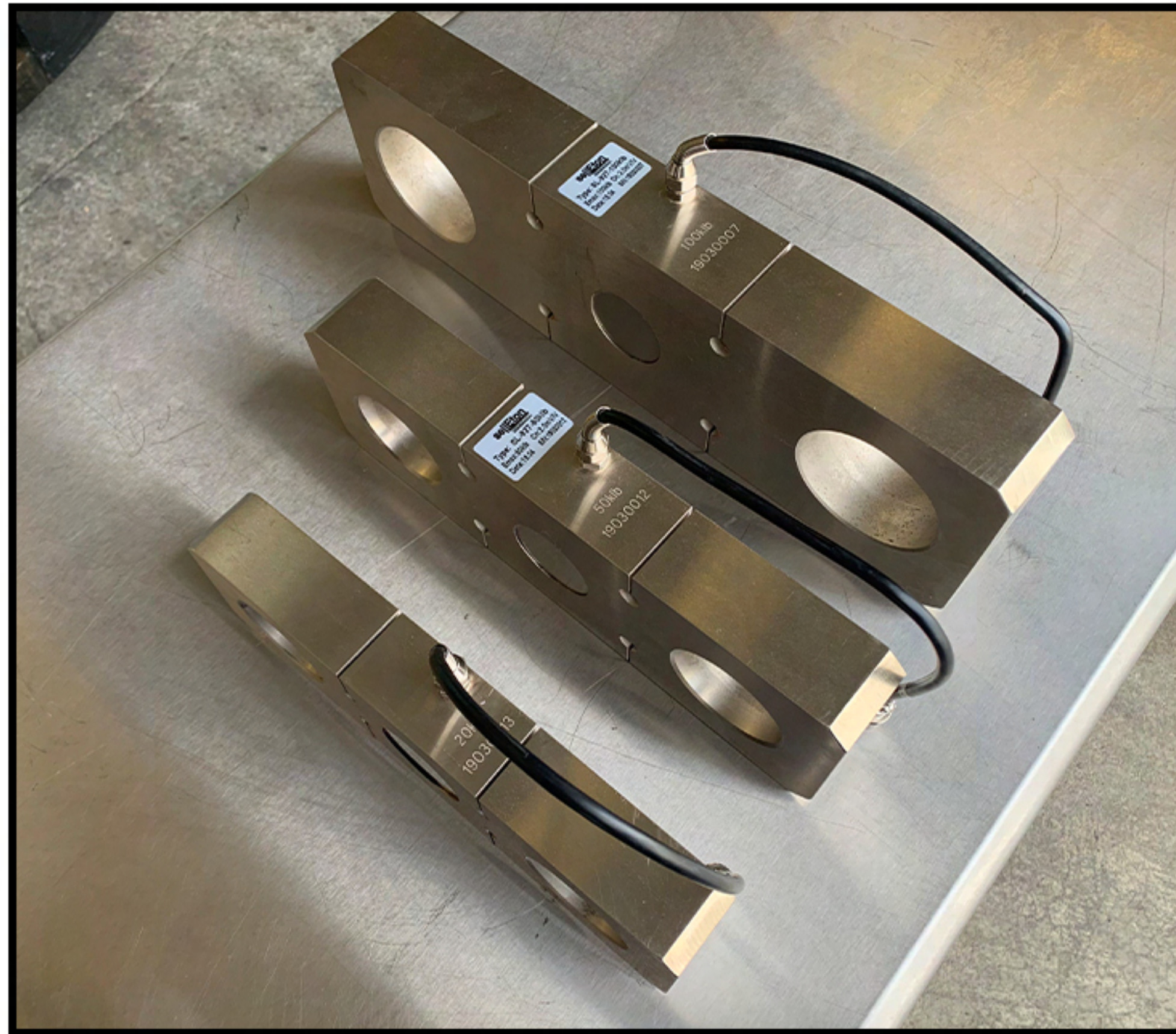
INTERCHANGEABLE PRODUCTS

Artech: **2230310**
 Revere: **9123**
 Celtron: **SQB SS**
 HBM: **H35 RLWS**
 Rice Lake: **RL35023S**
 Rice Lake: **RLH35**
 Transcell: **SBS**
 Coti Global Sensors: **CG-23-SSW-03**

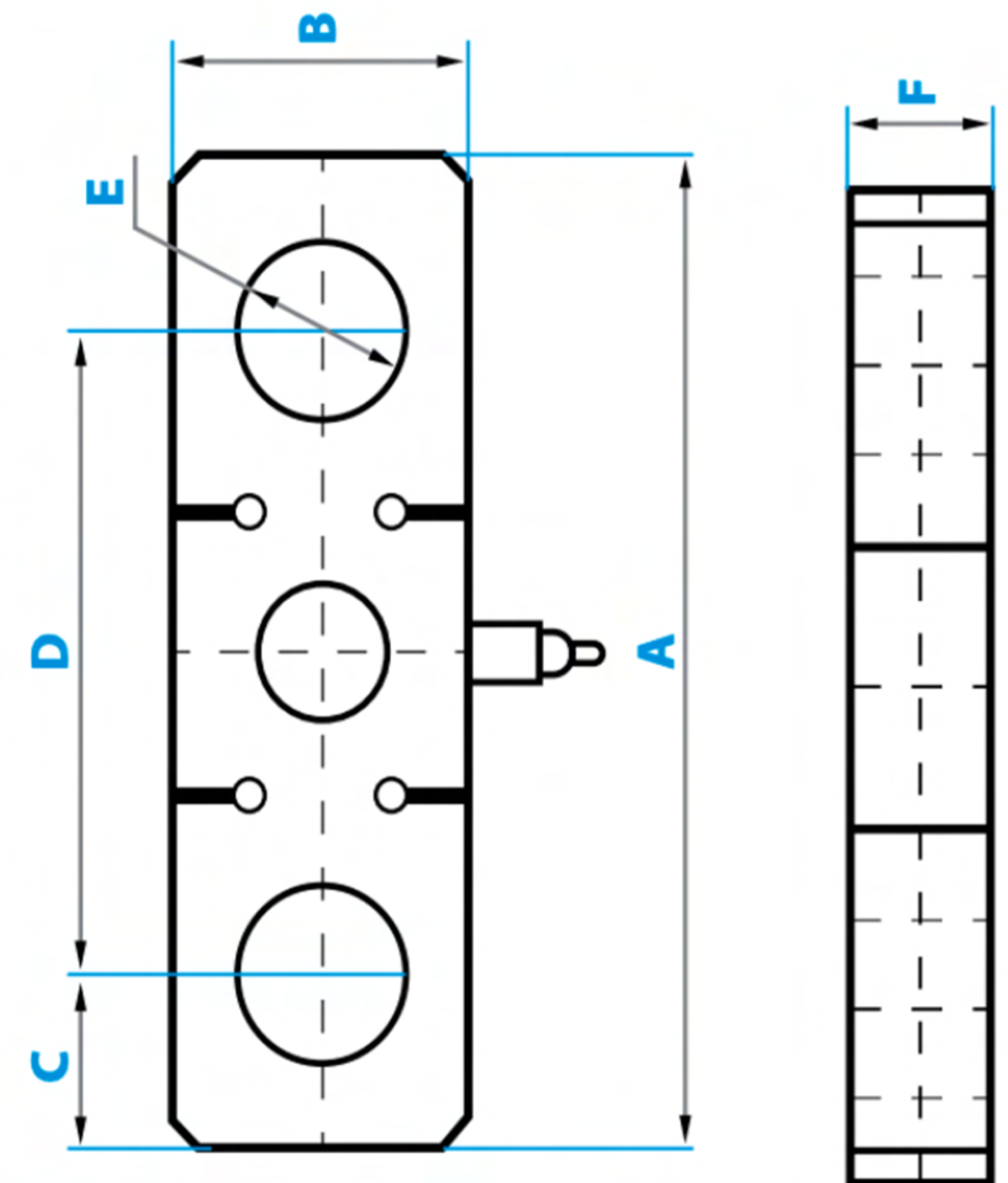
Transcell: **SBS**
 Fairbanks: **3-54786-1**
 Sensortronics: **65083S**
 Mettler-Toledo: **TB601019-008-500 lb**
 Mettler-Toledo: **TB601016-020-1K lb**
 Mettler-Toledo: **TB601016-020-2.5K lb**
 Mettler-Toledo: **TB601017-020-4K lb**
 Mettler-Toledo: **TB601018-020-5L lb**

WEIGHING MODULES AVAILABLE
 SL-818-TM-SSW

SL-927 Tension Link, Nickel Plated | IP67



RATED CAPACITY	DIMENSIONS					
	A	B	C	D	E	F
lb/inches						
10k lb	11.125	3.55	1.875	7.25	2.015	1.5
25k lb	11.125	3.55	1.875	7.25	2.015	1.5
50k lb	12.2	4.33	2.01	8.27	2.13	1.69
100k lb	16.5	5.0625	2.375	11.875	2.84	1.97
200k lb	23.625	7.09	3.875	15.75	4.6	3.15
250k lb	23.625	7.09	3.875	15.75	4.6	3.15
kg/mm						
4535.92 kg	282.575	90.17	47.625	184.15	51.181	38.1
11339.8 kg	282.575	90.17	47.625	184.15	51.181	38.1
22679.6 kg	309.88	109.982	51.054	210.058	54.102	42.926
45359.2 kg	419.1	128.5875	60.325	301.625	72.136	50.038
90718.4 kg	600.075	180.086	98.425	400.05	116.84	80.01
113398 kg	600.075	180.086	98.425	400.05	116.84	80.01


Rated Capacity:

25/50/100/150/200 /250K lb

Rated Output:

2.0mV/V

Non-linearity:
 $\pm 0.03\%$ F. S.

Hysteresis:
 $\pm 0.02\%$ F. S.

Repeatability:
 $\pm 0.02\%$ F. S.

Creep(30minutes):
 $\pm 0.03\%$ F. S.

Temperature Effect on Span:
 $\pm 0.0015\%$ F.S. /°C

Temperature Effect on Zero:
 $\pm 0.0027\%$ F.S. /°C

Zero Balance:
 $\pm 1.00\%$ F. S.

Insulation Resistance:

> 5000 MEGOHMS

Operation Temperature:

-10°C - +40°C (14°F - 104°F)

Input Impedance:
 $385 \pm 20 \Omega$
Output Impedance:
 $350 \pm 3 \Omega$
Safe Overload:

150% F.S.

Destructive Load:

300% F.S.

Excitation Recommended:

10-20V AC/DC

Material/Finish:

Alloy Steel

Cable Length:

Standard Cable

25K lb: 20ft/6m

50K-100K lb: 40ft/12m

150K-250K lb: 60ft/18m

Load Cell Wiring:

Red+Excitation

Black- Excitation

Green+Signal

White- Signal