



### STANDARD CAPACITY :

100 , 250 , 500 lb  
 1 , 2 , 2.5 , 3 , 4 , 5 , 10 , 20 klb  
 50 , 100 , 200 , 300 kg  
 0.5 , 1 , 1.5 , 2 , 2.5 , 3 , 5 , 7 , 10 t

### WIRING:

RED +INPUT GREEN +OUTPUT  
 BLACK -INPUT WHITE -OUTPUT  
 4 COLOR SHIELD CABLE 20FT (6m)

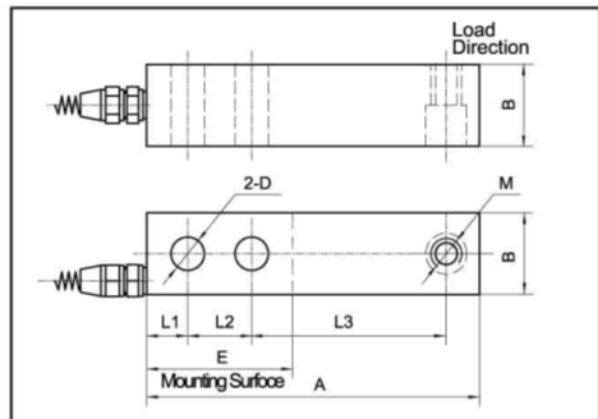
### ● Specifications

Rated output	3mV/V ± 0.25%
Accuracy class	0.03 C3
Non-linearity	0.03% F·S
Hysteresis	0.03%F·S(PA6140) 0.05%F·S(PA6240)
Non-repeatability	0.02%F·S
Creep in 30 minutes	0.03%F·S
Temperature effect span	15 PPM /°C of Applied Load
Temperature effect zero	26 PPM /°C of Applied Load
Compensated temperature range	-10°C~40°C
Operating temperature range	-40°C~65°C
Zero balance	± 1%
Input resistance	385 ± 15Ω
Output resistance	350 ± 3Ω
Safe overload	150%F·S
Ultimate overload	300%F·S
Excitation voltage	10VAC/DC
Maximum excitation voltage	15VAC/DC
Insulation resistance	≥ 5000MΩ(50V DC)
Environmental protection	IP67
Material	Alloy tool steel(PA6140) Stainless steel(PA6240)

※All specifications are a maximum as a%(±) of full load, otherwise stated.

(inch/mm)

Capacity	A	B	D	E	L1	L2	L3	M
100lb~4klb	5.12	1.25	0.53	2.25	0.62	1.00	3.00	1/2-20UNF-2B
5klbse	5.12	1.25	0.53	2.25	0.62	1.00	3.00	1/2-20UNF-2B
5~10klb	6.75	1.50	0.78	3.00	0.75	1.50	3.75	3/4-16UNF-2B
15~20klb	8.88	2.00	1.03	4.00	1.00	2.00	4.88	1-14UNF-2B
250kg~2t	130	32	13	57	16	25	76	M12
2.5~5t	171	38	21	76	19	38	95	M20
7~10t	226	51	25	102	25	51	124	M24X2



# **C A M B R I D G E**

## **CN CELLS** **LOAD CELLS**

<b><u>MODEL</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>CAPACITY</u></b>	<b><u>LIST</u></b>
<b>PA6140</b>	<b>SHEAR BEAM LOAD CELL</b>	<b>1,000 LB.</b>	<b>\$ 180.</b>
		<b>2,500 LB.</b>	<b>\$ 180.</b>
		<b>4,000 LB.</b>	<b>\$ 180.</b>
		<b>5,000 LB.</b> SMALL ENVELOPE	<b>\$ 180.</b>
		<b>5,000 LB.</b> LARGE ENVELOPE	<b>\$ 220.</b>
		<b>10,000 LB.</b> ** NON-NTEP **	<b>\$ 220.</b>
		<b>15,000 LB.</b> ** NON-NTEP **	<b>\$ 500.</b>
		<b>20,000 LB.</b> ** NON-NTEP **	<b>\$ 520.</b>

### **INTERCHANGE WITH:**

**TEDEA HUNTLEIGH MODEL: 3411**  
**REVERE TRANSDUCERS MODEL: 5123**  
**CELTRON TECHNOLOGY MODEL: SQB**  
**SENSORTRONICS MODEL: 65023**  
**CAS MODEL: BSA**

**F.O.B.: HONEY BROOK, PA**

**PRICES EFFECTIVE: 01/01/18**

**PRICES SUBJECT TO CHANGE WITHOUT NOTICE**

# **C A M B R I D G E**

## **CN CELLS** **LOAD CELLS**

<b><u>MODEL</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>CAPACITY</u></b>	<b><u>LIST</u></b>
<b>PA6240</b>	<b>STAINLESS STEEL SHEAR BEAM LOAD CELL</b>	<b>1,000 LB.</b>	<b>\$ 270.</b>
		<b>2,500 LB.</b>	<b>\$ 270.</b>
		<b>4,000 LB.</b>	<b>\$ 270.</b>
		<b>5,000 LB.</b> SMALL ENVELOPE	<b>\$ 270.</b>
		<b>5,000 LB.</b> LARGE ENVELOPE	<b>\$ 380.</b>
		<b>10,000 LB.</b> ** NON-NTEP **	<b>\$ 380.</b>
		<b>15,000 LB.</b> ** NON-NTEP **	<b>\$ 850.</b>
		<b>20,000 LB.</b> ** NON-NTEP **	<b>\$ 900.</b>

### **INTERCHANGE WITH:**

**REVERE TRANSDUCERS MODEL: 9123**  
**CELTRON TECHNOLOGY MODEL: SQB-SS**  
**SENSORTRONICS MODEL: 65023S**  
**HBM MODEL: B35**

**F.O.B.: HONEY BROOK, PA**

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