



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)

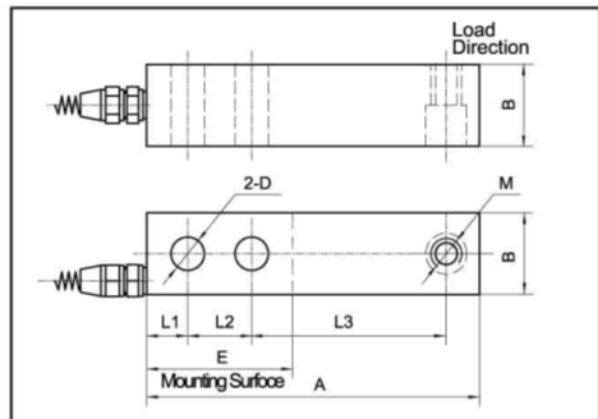
● Specifications

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

<u>MODEL</u>	<u>DESCRIPTION</u>	<u>CAPACITY</u>	<u>LIST</u>
PA6140	SHEAR BEAM LOAD CELL	1,000 LB.	\$ 170.
		2,500 LB.	\$ 170.
		4,000 LB.	\$ 170.
		5,000 LB. SMALL ENVELOPE	\$ 170.
		5,000 LB. LARGE ENVELOPE	\$ 198.
		10,000 LB. ** NON-NTEP **	\$ 198.
		15,000 LB. ** NON-NTEP **	\$ 490.
		20,000 LB. ** NON-NTEP **	\$ 490.

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: 01/01/17

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

C A M B R I D G E

CN CELLS **LOAD CELLS**

<u>MODEL</u>	<u>DESCRIPTION</u>	<u>CAPACITY</u>	<u>LIST</u>
PA6240	STAINLESS STEEL SHEAR BEAM LOAD CELL	1,000 LB.	\$ 260.
		2,500 LB.	\$ 260.
		4,000 LB.	\$ 260.
		5,000 LB. SMALL ENVELOPE	\$ 260.
		5,000 LB. LARGE ENVELOPE	\$ 320.
		10,000 LB. ** NON-NTEP **	\$ 320.
		15,000 LB. ** NON-NTEP **	\$ 750.
		20,000 LB. ** NON-NTEP **	\$ 790.

INTERCHANGE WITH:

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

F.O.B.: HONEY BROOK, PA

PRICES EFFECTIVE: 01/01/17

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