

Model 30310

Model SS30310



NTEP C.O.C. #87-058A6

DESCRIPTION:

A versatile Load Cell designed for multiple use in low profile and platform scales, and in tank, bin, and hopper weighing systems. The high alloy steel construction ensures durability and precision performance. The cell is environmentally protected with waterproof seal and is nickel/chrome plated to assure resistance against corrosion. Mounting plates are also available (see accessories).

Rectangular Shear Beam Load Cell

FEATURES:

- Model 30310 threaded hole
- 250 to 20K pounds capacities
- Complete environmental protection
- Stainless Steel versions available
- NTEP certified versions available for class III/ III L 5000 divisions
- Factory Mutual (F.M.) Approved †

PERFORMANCE SPECIFICATIONS

Standard Capacities (lbs.):	*250, *500, 1K, 2K, 2.5K, 3K, 4K, 5K, 5KLE, 10K, 15K, 20K
Excitation Voltage:	10VDC - Maximum 15VDC
Rated Output:	3.0 mv/v + .25%
Non-Linearity:	< 0.03% FSO (Full Scale Output)
Hysteresis:	< 0.02% FSO
Non-Repeatability:	< 0.01% FSO
Zero Balance:	±1.0% FSO
Bridge Resistance:	350 ± 3.5 ohms
Safe Overload:	150% of Rated Capacity
Temperature:	
Compensated Range:	0 - 150 deg. F
Effect on Output:	< 0.0008% FSO/deg. F
Effect on Zero:	< 0.0011% FSO/deg. F



CAPACITY LBS.	PART NO.	A	B	C	D	E	F	G	H	I THREADS
250 - 5K	30310 - XX	5.12	1.25	1.25	.53	.60	1.00	3.00	.60	1/2-20 UNF - 2B
5KLE - 10K	30310 - XX	6.75	1.50	1.50	.78	.75	1.50	3.75	.75	3/4-16 UNF - 2B
15K - 20K	30310 - XX	8.75	2.00	2.00	1.03	1.00	2.00	4.75	1.00	1-14 UNF - 2B

ELECTRICAL TERMINATION

INPUT OUTPUT SHIELD
 RED (+) GREEN (+)
 BLACK (-) WHITE (-)

COMPRESSION POSITIVE

