

LRCN 710 - CANISTER LOAD CELL

The model LRCN 710 ultra precision load cell provides superior scale quality and performance standards with an impressive $\pm 0.08\%$ accuracy. The cantilever beam design is combined with hermetically sealed stainless steel construction for high precision and reliability in harsh environments. Female threads facilitate tension and compression measurements for universal force and weighing applications.

- EXTREME ACCURACY
- HERMETICALLY SEALED
- STAINLESS STEEL
- STATIC OR DYNAMIC USAGE
- IN STOCK

SPECIFICATIONS

LOAD RANGES:	250 lb to 250,000 lb
LINEARITY:	$\pm 0.05\%$ F.S.
HYSTERESIS:	$\pm 0.05\%$ F.S.
REPEATABILITY:	$\pm 0.03\%$ F.S.
MATERIAL:	Stainless Steel
TEMPERATURE RANGE:	10° to 110° F
OUTPUT:	3 mv/v
BRIDGE RESISTANCE:	350 ohm
EXCITATION:	10 Vdc/Vac
SAFE OVERLOAD:	150% Over Capacity
CABLE:	25 ft



AVAILABLE RANGES

	A"	B"	C"	D	E"	F"
250; 500; 1000; 2000; 3000 lb	4.56	3.50	1.27	1/2-20UNF	0.25	4.27
5000; 10,000 lb	5.94	3.50	1.81	1-14 UNS	0.58	5.37
15,000 lb	5.94	4.00	1.81	1-14 UNS	0.58	5.37
20,000; 25,000; 30,000; 40,000; 45,000 lb	8.50	4.00	2.81	1 1/2-12 UN	0.63	7.85
50,000; 75,000; 95,000 lb	11.43	6.50	3.19	2-12 UN	0.75	10.29
100,000 lb	17.75	9.00	4.94	3-8 UN		
150,000; 200,000; 300,000 lb	23.30	11.50	8.25	4-8 UN		

