

LGP 320 - PANCAKE THIN

The LGP 320 is a low profile compression load cell constructed of stainless steel and designed to be used in applications where high accuracy is required. This cell has three threaded mounting holes and an integral load button. The LGP 320 is available as a dual bridge model and may be hermetically sealed for underwater applications. For best results, the LGP 320 should be mounted on a hard, flat, smooth surface. Some ranges are stocked for quick delivery.

- LOW PROFILE
- STAINLESS STEEL
- DUAL BRIDGE OPTION
- HIGH TEMPERATURE COMPENSATION AVAILABLE
- 50 LB TO 300,000 LB

SPECIFICATIONS

LOAD RANGES:	50 lb to 300,000 lb
LINEARITY:	±0.10% FS
HYSTERESIS:	±0.10% FS
REPEATABILITY:	±0.05% FS
MATERIAL:	Stainless Steel
TEMP. RANGE:	60° to 160° F
OUTPUT:	3mv/v±.25%
BRIDGE RESISTANCE:	350 ohm
EXCITATION:	10 or 15 Vdc
SAFE OVERLOAD:	150% Over Capacity
CONNECTOR (Not Incl.)	PTO6A-10-6S



AVAILABLE RANGES

	A"	B"	C"	D"	E"	F"	G"	H"	I"
50; 100; 250; 500 lb	2.62	1.25	.09	4.00	.06	1 1/8	.25	2.188	6-40 UNF-2
1000; 2000; 3000 lb	2.62	1.25	.09	4.00	.06	1 1/8	.25	2.188	6-40 UNF-2
4000; 5000; 7500 lb	2.62	1.25	.09	4.00	.06	1 1/8	.25	2.188	6-40 UNF-2
10,000; 15,000 lb	2.62	1.25	.09	4.00	.06	1 1/8	.25	2.188	6-40 UNF-2
20,000; 25,000 lb	3.25	1.62	.09	6.00	.25	1 1/8	.25	2.719	10-32 UNF-2
50,000; 75,000	5.00	2.50	.12	9.00	.67	1 1/8	.25	4.125	5/16-24 UNF-2
100,000 lb	6.00	3.50	.15	12.00	1.15	1 1/8	.37	4.875	7/16-20 UNF-2
150,000; 200,000 lb	8.00	4.75	.18	18.00	1.78	1 1/8	.50	6.438	5/8-18 UNF-2
300,000 lb	9.00	4.75	.18	18.00	1.78	1 1/8	.63	7.500	3/4-16 UNF-2

