

5000 Series Precision Load Cells

High Accuracy for Critical Weighing and Force Measurement Applications!

Durable and rugged enough for tough production environments!

General Specifications

Output ... 2.0 mV/V nominal
 Overload Capacity ... 50% FS
 Non-linearity ... 0.15% FS
 Bridge Resistance ... 350 Ohms
 Compensated Temperature Range ... +75 to +150 °F
 Operating Temperature Range ... 0 to 200 °F
 Temperature Effect on Zero Balance ... ±0.002% FS/°F
 Temperature Effect on Span ... ±0.002% of reading/°F
 Recommended Excitation ... 10 vdc



PART NO.	CAPACITY	CABLE/RECEPTACLE	DIMENSIONS (H x W x D)	THREAD
045000-00102	1,000 lbf (4,448 N)	6-pin Bendix DT02H-10-6P	3.0 x 1.0 x 2.0 in.	1/2-20
045000-00202	2,000 lbf (8,896 N)	6-pin Bendix DT02H-10-6P	3.0 x 1.0 x 2.0 in.	1/2-20
045000-00302	3,000 lbf (13,344 N)	6-pin Bendix DT02H-10-6P	3.0 x 1.0 x 2.0 in.	1/2-20
045000-00502	5,000 lbf (22,240 N)	6-pin Bendix DT02H-10-6P	3.0 x 1.0 x 2.0 in.	1/2-20
045000-01051	50 N (11 lbf)	6-foot Cable w/pigtail leads	64 x 19 x 51 mm	M6 x 1.0
045000-01101	100 N (23 lbf)	6-foot Cable w/pigtail leads	64 x 19 x 51 mm	M6 x 1.0
045000-01251	250 N (56 lbf)	6-foot Cable w/pigtail leads	64 x 19 x 51 mm	M6 x 1.0
045000-01501	500 N (112 lbf)	6-foot Cable w/pigtail leads	64 x 19 x 51 mm	M6 x 1.0
045000-01102	1,000 N (225 lbf)	6-foot Cable w/pigtail leads	64 x 19 x 51 mm	M6 x 1.0
045000-01252	2,500 N (562 lbf)	6-foot Cable w/pigtail leads	76 x 25 x 51 mm	M12 x 1.75
045000-01502	5,000 N (1,124 lbf)	6-foot Cable w/pigtail leads	76 x 25 x 51 mm	M12 x 1.75
045000-01103	10,000 N (2,248 lbf)	6-foot Cable w/pigtail leads	76 x 19 x 51 mm	M12 x 1.75
045000-01203	20,000 N (4,496 lbf)	6-foot Cable w/pigtail leads	76 x 19 x 51 mm	M12 x 1.75

Additional information on precision S-cells and other force and torque measurement load cells and related instrumentation is available from:

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