

Stellar Technology

Finished Units

In Stock Load Cells / Force Sensors

Series MIN800 Miniature Tension/Compression Load Cell



Full Scale Range (lbf)	Part Number	OD (in.)	Accuracy	Output	Load Thread	Electrical Termination	Excitation
100	MIN800-100LBTL-000	1.00	0.25% BFSL	2 mV/V	1/4 - 28 UNF	10 ft. 4-conductor, shielded Teflon cable	10Vdc / 10Vac
250	MIN800-250LBTL-001	1.00	0.25% BFSL	2 mV/V	1/4 - 28 UNF	10 ft. 4-conductor, shielded Teflon cable	10Vdc / 10Vac
500	MIN800-500LBTL-000	1.00	0.25% BFSL	2 mV/V	1/4 - 28 UNF	10 ft. 4-conductor, shielded Teflon cable	10Vdc / 10Vac
1000	MIN800-1000LBTL-000	1.00	0.25% BFSL	2 mV/V	1/4 - 28 UNF	10 ft. 4-conductor, shielded Teflon cable	10Vdc / 10Vac

Series MIN811 High Accuracy Miniature Tension/Compression Load Cell



Full Scale Range (lbf)	Part Number	OD (in.)	Accuracy	Output	Load Thread	Electrical Termination	Excitation
100	MIN811-100LBTL-000	1.00	0.15% BFSL	2 mV/V	1/4 - 28 UNF	10 ft. 4-conductor, shielded Teflon cable	10Vdc / 10Vac
250	MIN811-250LBTL-001	1.00	0.15% BFSL	2 mV/V	1/4 - 28 UNF	10 ft. 4-conductor, shielded Teflon cable	10Vdc / 10Vac
500	MIN811-500LBTL-000	1.00	0.15% BFSL	2 mV/V	1/4 - 28 UNF	10 ft. 4-conductor, shielded Teflon cable	10Vdc / 10Vac
1000	MIN811-1000LBTL-000	1.00	0.15% BFSL	2 mV/V	1/4 - 28 UNF	10 ft. 4-conductor, shielded Teflon cable	10Vdc / 10Vac

Series MIN830 Miniature Compression Load Cell



Full Scale Range (lbf)	Part Number	OD (in.)	Accuracy	Output	Mounting Thread	Electrical Termination	Excitation
500	MIN830-500LBCL-000	1.25	0.50% FSO	2 mV/V	6 - 32 UNF x 0.63 in.	10 ft. 4-conductor, shielded Teflon cable	10Vdc / 10Vac
1000	MIN830-1000LBCL-000	1.25	0.50% FSO	2 mV/V	6 - 32 UNF x 0.63 in.	10 ft. 4-conductor, shielded Teflon cable	10Vdc / 10Vac
2000	MIN830-2000LBCL-000	1.25	0.50% FSO	2 mV/V	6 - 32 UNF x 0.63 in.	10 ft. 4-conductor, shielded Teflon cable	10Vdc / 10Vac
5000	MIN830-5000LBCL-001	1.50	0.50% FSO	2 mV/V	6 - 32 UNF x 0.63 in.	10 ft. 4-conductor, shielded Teflon cable	10Vdc / 10Vac
10K	MIN830-10KLBCL-001	1.50	0.50% FSO	2 mV/V	6 - 32 UNF x 0.63 in.	10 ft. 4-conductor, shielded Teflon cable	10Vdc / 10Vac
20K	MIN830-20KLBCL-002	2.00	0.50% FSO	2 mV/V	6 - 32 UNF x 0.63 in.	10 ft. 4-conductor, shielded Teflon cable	10Vdc / 10Vac
30K	MIN830-30KLBCL-002	2.00	0.50% FSO	2 mV/V	6 - 32 UNF x 0.63 in.	10 ft. 4-conductor, shielded Teflon cable	10Vdc / 10Vac

Series RDE900 Tension Rod End Load Cell



Full Scale Range (lbf)	Part Number	OD (in.)	Accuracy	Output	Load Thread	Electrical Termination	Excitation
10K	RDE900-10KLBTL-106	1.5	0.25% FSO	2mV/V	1/8 SHACKLE CONNECTION	MS3102-14S-6P-SS (BOLTED)	10Vdc/10Vac

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Series PNC710 Tension/Compression Pancake Load Cell



Full Scale Range (lbf)	Part Number	OD (in.)	Accuracy	Output	Load Thread	Electrical Termination	Excitation
100	PNC710-100LBTC-020	3	0.10%FSO	3mV/V	3/8-24 UNF	PTIH-10-6P SS (welded)	10Vdc/10Vac
250	PNC710-250LBTC-027	3	0.10%FSO	3mV/V	3/8-24 UNF	PTIH-10-6P SS (welded)	10Vdc/10Vac
500	PNC710-500LBTC-020	3	0.10%FSO	3mV/V	3/8-24 UNF	PTIH-10-6P SS (welded)	10Vdc/10Vac
1000	PNC710-1000LBTC-020	3	0.10%FSO	3mV/V	3/8-24 UNF	PTIH-10-6P SS (welded)	10Vdc/10Vac
2000	PNC710-2000LBTC-021	3.5	0.10%FSO	3mV/V	1/2-20 UNF	PTIH-10-6P SS (welded)	10Vdc/10Vac
5000	PNC710-5000LBTC-021	3.5	0.10%FSO	3mV/V	1/2-20 UNF	PTIH-10-6P SS (welded)	10Vdc/10Vac
10K	PNC710-10KLBTC-022	5.5	0.10%FSO	3mV/V	1-14 UN	MS3102-14S-6P SS (bolted)	10Vdc/10Vac
15K	PNC710-15KLBTC-022	5.5	0.10%FSO	3mV/V	1-14 UN	MS3102-14S-6P SS (bolted)	10Vdc/10Vac
20K	PNC710-20KLBTC-022	5.5	0.10%FSO	3mV/V	1-14 UN	MS3102-14S-6P SS (bolted)	10Vdc/10Vac
20K	PNC710-20KLBTC-026	6	0.10%FSO	3mV/V	1 1/2-12 UNF	MS3102-14S-6P SS (bolted)	10Vdc/10Vac
50K	PNC710-50KLBTC-023	6	0.10%FSO	3mV/V	1 1/2-12 UNF	MS3102-14S-6P SS (bolted)	10Vdc/10Vac

Series PNC720 General Purpose Compression Pancake Load Cell



Full Scale Range (lbf)	Part Number	OD (in.)	Accuracy	Output	Load Thread	Electrical Termination	Excitation
10K	PNC720-10KLBCL-101	3.5	0.1% FSO	2mV/V	LOAD BUTTON	MS3102-14S-6P-SS (BOLTED)	10Vdc/10Vac

Series VLU850 Subminiature Tension/Compression Load Cell



Full Scale Range (lbf)	Part Number	OD (in.)	Accuracy	Output	Load Thread	Electrical Termination	Excitation
10	VLU850-10LBTL-000	0.50	0.50% BFSL	2 mV/V	4-40 UNC	5 ft. 4-conductor, shielded Teflon cable w/ integral balance board	5Vdc / 5Vac
25	VLU850-25LBTL-000	0.50	0.50% BFSL	2 mV/V	4-40 UNC	5 ft. 4-conductor shielded Teflon cable w/ integral balance board	5Vdc / 5Vac
50	VLU850-50LBTL-000	0.50	0.50% BFSL	2 mV/V	4-40 UNC	5 ft. 4-conductor shielded Teflon cable w/ integral balance board	5Vdc / 5Vac

Series VLC856 Subminiature Compression Load Cell



Full Scale Range (lbf)	Part Number	OD (in.)	Accuracy	Output	Load Thread	Electrical Termination	Excitation
10	VLC856-10LBCL-000	0.38	0.50% BFSL	2 mV/V	Welded	5 ft. 4-conductor shielded Teflon cable w/ integral balance board	5Vdc / 5Vac
25	VLC856-25LBCL-000	0.38	0.50% BFSL	2 mV/V	Welded	5 ft. 4-conductor shielded Teflon cable w/ integral balance board	5Vdc / 5Vac
50	VLC856-50LBCL-000	0.38	0.50% BFSL	2 mV/V	Welded	5 ft. 4-conductor shielded Teflon cable w/ integral balance board	5Vdc / 5Vac

Finished Units

In Stock Load Cells / Force Sensors

GT2450/2250 Intrinsically Safe Load Cells



GT2450/2250
Series
Load Cells

Full Scale Range (lbf)	Part Number	OD (in.)	Accuracy	Output	Load Thread	Electrical Termination	Excitation
40K	GT2450/2250-40KLBTC-240	6	0.1% BFSL	4-20 mA	2-12 UN	Jupiter REC-M-10TPN04-16	9-36 Vdc
60K	GT2450/2250-65KLBTC-301	8	0.1% BFSL	4-20 mA	2-12 UN	PTIH-10-6P	9-36 Vdc

Modifications and Warranty

MODIFICATIONS: We realize transducer applications vary greatly and as such our designs are flexible. Choice of pressure port, electrical termination, material compatibility and performance characteristics are a few of the many options available. Specifications on this datasheet represent the standard configuration only. Product and company names listed are trademarks of their respective companies. Specifications subject to change without notice.

WARRANTY: Stellar Technology warrants that its product shall be free from defective workmanship and/or material for a twelve month period from the date of shipment, provided that Stellar Technology's obligation hereunder shall be limited to correcting any defective material FOB our factory. No allowance will be made for any expenses incurred for correcting any defective workmanship and/or material without written consent by Stellar Technology. This warranty is in lieu of all other warranties expressed or implied.