



DIMENSIONS

RATED CAPACITY	C1	C2	C3	C4	H1	L	L1	L2	L3	W	T
Klb/inches 50; 75	0.75	2.00	1.96	2.50	0.38	8.25	7.25	0.50	0.93	1.80	1/2-14 NPT
kg/mm (conversion of above dimensions) 22,679.9; 34,019.8	19.0	50.8	44.7	63.5	9.7	209.6	184.2	12.7	23.6	45.7	1/2-14 NPT

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	>2 [50V DC] GΩ
Non-linearity	< ± 0.030%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.017%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.023%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.023%	Seal Type / IP Rating	Welded Seal / IP68
Input Resistance	700Ω ± 10	Cable Color Code	Exc+ Red Exc- Black
Output Resistance	700Ω ± 5		Sig+ Green Sig- White
Element Material	2Cr13 Stainless Steel		Shield Bare

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
50Klb.....	102FS-50Klb-YZ.....	5.4
75Klb.....	102FS-75Klb-YZ.....	5.8

* ATEX, FM, IECEx approved versions carry the "-Ex" suffix.



50Klb-75Klb: NTEP 1:10 000 Class III/L, Multiple Cell



11t-55t: OIML MAA C4.5, Y=18 000

For further available P/N's & specifications per NTEP/OIML classes, please contact us.

INTERCHANGEABLE REFERENCE

Brand	Model
Cardinal.....	DB50000S
Cardinal.....	DB75000S
Coti Global.....	CG-DB50000S
Rice Lake.....	RLDB50000S
Rice Lake.....	RLDB75000S

Product Datasheet Disclaimer

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All product specifications, statements, information, and data (collectively, the “Information”) in this catalog or made available elsewhere by ANYLOAD are subject to change. Customers must verify the applicability of the Information at the time of order placement.

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California Proposition 65:

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