

DSB2 Truck & tank weighing load cell, 25klb - 125klb



FEATURES

- Double end link beam application
- NTEP IIIIL 10,000M pending (Handbook 44)
- Protection class IP67
- Compatible with other sources

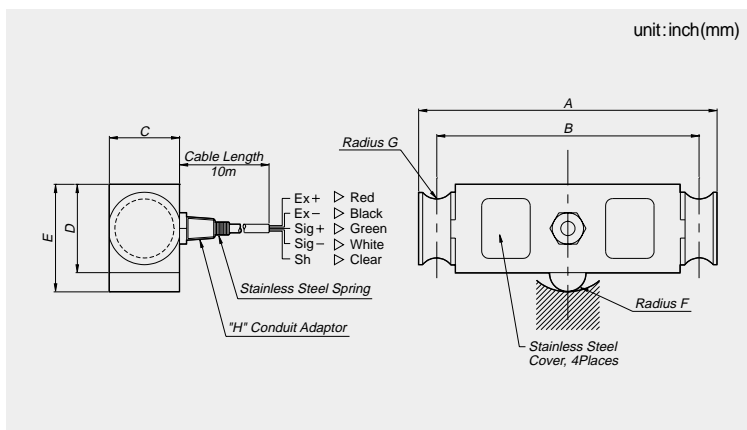
OPTIONS

- NTEP approved class
- DSB2-TW accessory

SPECIFICATIONS

Max. capacity	lb	25k, 40k, 50k, 60k, 75k, 100k, 125k	
Rated output	mV/V	3.0 ± 0.0075	
Zero balance	mV/V	0 ± 0.03	
Accuracy class		D3	B10 (IIIIL 10,000 M)
Combined error	%	0.05	0.03
Repeatability	%	0.03	0.015
Creep for 30 min.	%	0.05	0.02
Temperature effect on			
Zero Value	%/10°C	0.03	0.014
Output value	%/10°C	0.02	0.011
Excitation			
Recommended	V	10	
Maximum	V	15	
Resistance			
Input	Ω	800 ± 40	
Output	Ω	700 ± 7	
Insulation	MΩ	> 2,000	
Compensated temperature range	°C	-10 to +40	
Operating temperature range	°C	-20 to +80	

DIMENSIONS



Material

Nickel plated steel

Cable

Braided shield 4-wire round cable with Urethane-jacket

Model	Capacity	A	B	C	D	E	F	G	H
DSB2-25K	25klb	8.25 (209.6)	7.25 (184.2)	1.94 (49.3)	2.44 (62)	2.97 (75.5)	0.5 (12.7)	0.5 (12.7)	1/4 - 18NPT
DSB2-40K	40klb								
DSB2-50K	50klb	11.5 (292.1)	10.0 (254.0)	1.94 (49.3)	2.94 (74.7)	3.47 (88.15)	1.0 (25.4)	0.75 (19.1)	1/2 - 14NPT
DSB2-60K	60klb								
DSB2-75K	75klb								
DSB2-100K	100klb	14.5 (368.3)	12.5 (317.5)	2.9 (73.7)	3.86 (98)	4.68 (118.9)	1.5 (38.1)	1.0 (25.4)	1/2 - 14NPT
DSB2-125K	125klb								