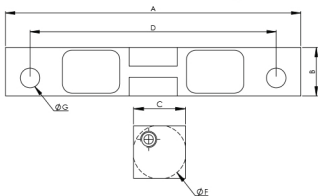


Brand Powered by >>>

Sensotech

Model DESB-T



CAPACITY RANGE 450 TO 27000 KGF

CAPACITY KGF	A	B	C	D	ΦF	ΦG
DESB-T 450-2250	190.5	31	31	158.8	31.8	13
DESB-T 5000-10000	222.2	49	36.5	190.5	50.5	21
DESB-T 15000	222.2	62	36.6	190.5	63.5	21
DESB-T 20000-27000	343	72.7	62	292.1	76	34

WIRING SCHEMATIC	
COLOUR CODE	CONNECTION
RED	EXCITATION (+)
BLACK	EXCITATION (-)
GREEN	OUTPUT (+)
WHITE	OUTPUT (-)
SHIELD	GROUND

Performance Data

Capacity Range (in kgf)	450/750/900/1350
Capacity Range (in tf)	2.25/5/10/15/20/27/ 34/45/56.5/75/100
Nominal Sensitivity (mV/V)	3±0.25%
Zero Signal Tolerance	0±2%
Input Resistance	700±5Ω
Output Resistance	700±3Ω
Recommended Excitation Voltage	10 VDC
Maximum Excitation Voltage	25 VDC
Linearity Deviation (as % of Full Scale)	<±0.020
Repeatability (as % of Full Scale)	<±0.020
Hysteresis (as % of Full Scale)	<±0.020
Creep (as % of Full Scale) in 30 min	<±0.020
Effect of Temperature on Zero(% / o C)	±0.002
Effect of Temp. on Span (% / o C of Load)	±0.001
Compensated Temperature Range	-10 to + 40°C
Operating Temperature Range	-20 to 70°C
Combined Error (as % of Full Scale)	<±0.025 max
Isolation Resistance (@ 50 VDC)	>1000 M Ω
Max. Limit Force (as % of Full Scale)	150
Breaking Force (as % of Full Scale)	300
Lateral Load Limit (as % of Full Scale)	500:1
Protection Class	IP 68
Material of Construction	High Nickel Alloy Steel

Features

- In-built lightning Protection
- Low Deflection & Creep
- Allows High Permissible Dynamic Load
- Insensitive to Eccentric Load
- Low Profile design
- Excellent Overload
- Standardised output for multi-Transducer Application

Optional

Explosion Proof Version Suitable for Group I,IIA, IIB, IIC & meet Temperature Class T4

Application

- Silo/Tank/Hopper Weighing
- Rope Tension Measurement

Sensotech: No. 2/675, "The Palms" 1st Cross Street, Ranga Reddy Garden, Neelankarai, Chennai - 600 041.

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