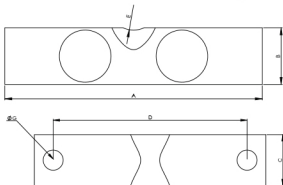


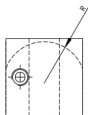
Brand Powered by >>>

Sensotech

Model DESB-S



CAPACITY RANGE 4.5 TO 15 TF							
CAPACITY TF	A	B	C	D	E	Ø G	R
DESB 4.5-15	197	43	43	165	19	17	23



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

Performance Data

Capacity Range (in kgf)	
Capacity Range (in tf)	4.5/5/10/11.5/15
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 Profile design
- Low Deflection & Creep
- Excellent Overload Capability
- Standardised Output for Multi-Transducer Application

Optional

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

Application

Pit/Pitless Weighbridge
 Tank/Hopper Weighing
 Silo Weighing / In-motion weighing

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

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