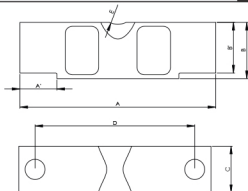


Model DESB-R

Brand Powered by >>>

Sensotech



CAPACITY (kg)	CAPACITY RANGE 20 TO 100 TF								
	A	A'	B	B'	C	D	E	ØG	R
DESB 20	260	49	53	49.65	49	216	25.4	21	28.45
DESB 22.5-34	260	49	74	64.10	62	216	25.4	27	34.5
DESB 45-60	387.3	79.5	98	83.50	73.7	324	38.1	41	45
DESB 75-100	489	101.6	147.3	112.80	96.5	387.4	50.8	41	60

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

Performance Data

Capacity Range (in kgf)	4.5/5/10/11.5/15/20/22.5/30/34/45/56.5/75/100
Capacity Range (in lbf)	10/11.2/22.5/25/33/45/56.2/75/100
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 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
- In-Motion Weighing / Furnace Weighing

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



+(91)-(44)-2449 4305

+(91)-(44)-6050 4460



+(91)-73057 16667 +(91)-98848 69600

+(91)-93805 60667 +(91)-93424 78988



sales@sensomaticloadcell.in
sensotechindia@gmail.com
sensotech@vsnl.net



www.sensomaticloadcell.in
www.sensomaticloadcell.com
www.sensomaticloadcell.net