

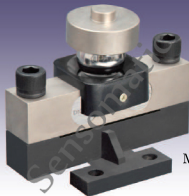
# SENSOMATIC



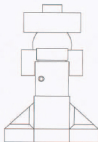
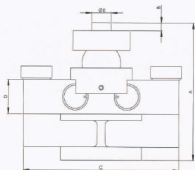
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# Sensotech



Model DESB-BL



CAPACITY RANGE 10/20/30 TF

CAPACITY TF	A	B	C	D	Ø G
DESB 10/20/30	206.5	12	240	52	30

WIRING SCHEMATIC

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

## Performance Data

Capacity Range (in kgf)	5 / 10 / 20 / 30
Capacity Range (in tf)	2 ± 0.25%
Nominal Sensitivity (mV/V)	0 ± 2%
Zero Signal Tolerance	700 ± 5Ω
Input Resistance	700 ± 3Ω
Output Resistance	10 VDC
Recommended Excitation Voltage	25 VDC
Maximum Excitation Voltage	< ± 0.020
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 (% / °C)	± 0.002
Effect of Temp. on Span (% / °C of Load)	-10 to + 40°C
Compensated Temperature Range	-20 to 70°C
Operating Temperature Range	< ± 0.03 max
Combined Error (as % of Full Scale)	> 1000 MΩ
Isolation Resistance (@ 50 VDC)	150
Max. Limit Force (as % of Full Scale)	300
Breaking Force (as % of Full Scale)	
Lateral Load Limit (as % of Full Scale)	IP 68
Protection Class	High Nickel Alloy Steel
Material of Construction	

## Features

- In-built Lightning Protection
- Low Deflection & Creep
- Top cup & Retainer cup Machined
- Supplied with complete mounting
- Accessories

## Optional

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

## Application

Pit/Pitless Weighbridge

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



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