

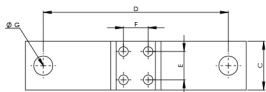
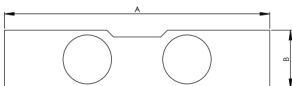
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Sensotech

Model DESR



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



CAPACITY TF	CAPACITY RANGE 5 TO 15 TF						
	A	B	C	D	E	F	G
DESR 5-7.5	197	43	43	145	25	22	17
DESR 10-15	197	43	43	145	25	22	17

Performance Data

Capacity Range (in kgf)	
Capacity Range (in tf)	5/7.5/10/15/20
Nominal Sensitivity (mV/V)	2±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 (% / °C)	±0.002
Effect of Temp. on Span (% / °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)	<±0.03 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

Optional

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

Application

Portable Weighbridge, Coil car Weighing, onboard Weighing Scale

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