



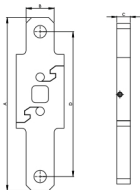
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Sensotech

Model CRN-S



CAPACITY RANGE 50 TO 11500 KGF

CAPACITY TF	A	B	C	D	Ø G
CRANE 0.5-5	290	50	26	240	22

WIRING SCHEMATIC

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

Performance Data

Capacity Range (in kgf)	500
Capacity Range (in tf)	1/2/3/5
Nominal Sensitivity (mV/V)	1±0.25%
Zero Signal Tolerance	0±2%
Input Resistance	350±5Ω
Output Resistance	350±5Ω
Recommended Excitation Voltage	12 VDC
Maximum Excitation Voltage	18 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)	<±0.03 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)	
Protection Class	IP 68
Material of Construction	High Nickel Alloy Steel

Features

- Low Deflection & Creep
- Allows High Permissible Dynamic Load
- Built-in Mechanical Overload Protection
- High Fatigue Rated & Impact Resistant

Application

- Crane Scale
- Process Automation, Tension Measurement

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