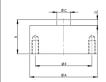


We Sense Your Life ...

# Brand Powered by >>> Sensotech



Perf	orn	nan	ice	Dat	ta

Capacity Range (in kgf)	500		
Capacity Range (in tf)	2/3/5/10/20/30		
Nominal Sensitivity (mV/V)	1.5±0.25%		
Zero Signal Tolerance	0±2%		
Input Resistance	350±5Ω		
Output Resistance	350±3Ω		
Recommended Excitation Voltage	12 VDC		
Maximum Excitation Voltage	18 VDC		
Linearity Deviation (as % of Full Scale)	<±0.025		
Repeatability (as % of Full Scale)	<±0.025		
Hysteresis (as % of Full Scale)	<±0.025		
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)	<±0.04%		
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 67		
Material of Construction	High Nickel Alloy Steel		

### Features

- Low Deflection&Creep
- Allows high permissible
- Dynmic Load
- High Fatigue Rated & impact Resistant

#### Application

SPM/Level Measurement/ Testing Machine( for use in compression mode only)

Tank Weighing/ Process Automation

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



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# Model BTN

CAPACITY RANGE 0.5 TO 30 TF							
CAPACITY	ØA	8	¢c	D	ΦE	T	
8TN 0.5-2	50	25	10	4	42	M 5 X 0.8	
BTN 5	98	40	20	5	72	M 6 X 1.0	
BTN 10	98	45	20	5	72	M 6 X 1.0	
8TN 20	118	50	25	7	90	M6X1.0	
BTN 30	138	73	25	8	115	M 10 X 1.25	

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