

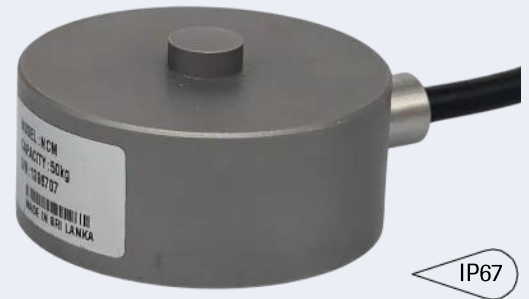


**Group
Four**
A PARASOL COMPANY

"WE TAKE THE LOAD OFF YOUR MIND"

button load cell NCM 5018

The Button Load Cell NCM 5018 is an ultra-compact, low-profile compression load cell designed specifically to deliver reliable, high-precision force and weight measurements in extremely confined structural spaces. Engineered for rugged industrial applications, the NCM 5018 miniature load cell features an advanced compression ring design that ensures optimal strain distribution, long-term stability, and dependable accuracy even under demanding operational conditions



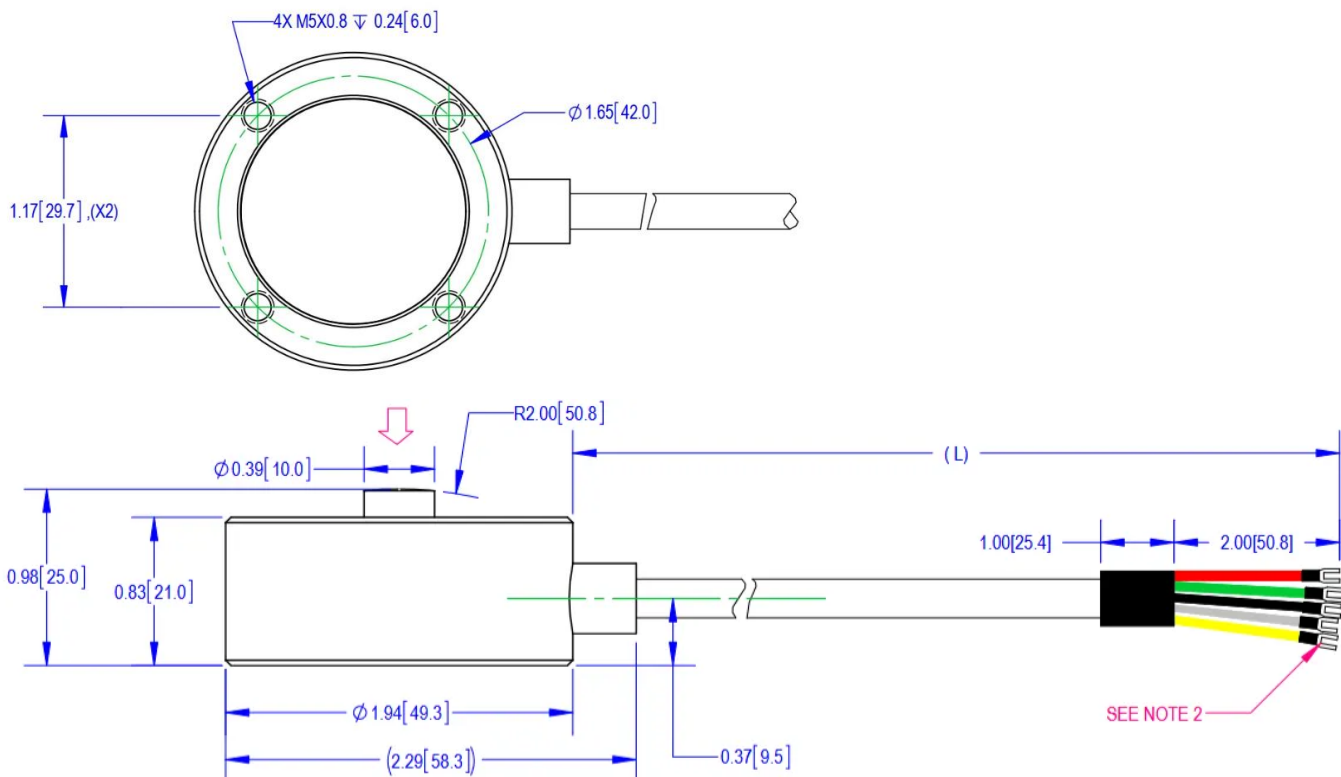
FEATURES

- Capacities: 50, 100, 200, 500, 1000, 2000kgs
- Durable Stainless-Steel Construction
- Environmental Protection IP67
- Low-Profile Miniature Design
- High Dynamic Response

APPLICATIONS

- Industrial Automation
- Press & Clamping Force Monitoring
- Medical & Laboratory Equipment
- General Industrial Force Measurement

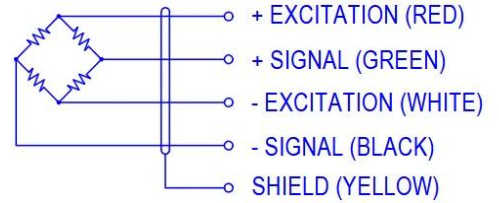
OUTLINE DIMENSIONS



SPECIFICATIONS

Model		NCM	
Capacities		kg	500, 100, 200, 500, 1000, 2000
Full Scale Outputs		mV/V	2.0±0.25%
Non-Linearity		%FS	≤±0.15
Hysteresis		%FS	≤±0.1
Creep @ 30 Min		%FS	≤±0.1
Non-Repeatability		%FS	≤±0.05
Zero Balance		%FS	≤±3
Temperature Effect			
	Zero	%FS/10°C	≤±0.04
	Output	%FS/10°C	≤±0.04
Temperature Range			
	Compensated	°C	-10 ~ +40
	Operating	°C	-20 ~ +65
Terminal Resistance			
	Input	Ω	736±30
	Output	Ω	7±30
Excitation Voltage		VDC	5~15
Insulation Resistance 50VDC		MΩ	≥5000
Safe Overload Limit		%FS	150
Ultimate Load		%FS	200
Cable Type		22 Awg 4 Conductor Foil Shielded Black PVC Cable	
Cable Length (L)		m	6 ^{+0.1} ₋₀
Environmental Protection		IP67	
Element Material		Stainless Steel	

WIRING GRAPHIC



PART NUMBERS

CAPACITY (Kg)	G4 PART NUMBER
50	5018-000-01
100	5018-001-01
200	5018-009-00
500	5018-003-01
1000	5018-004-02
2000	5018-007-01