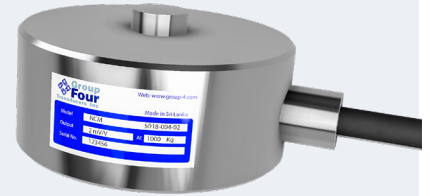


The NCM is a compression ring button load cell, ideal for force measurement in small spaces.



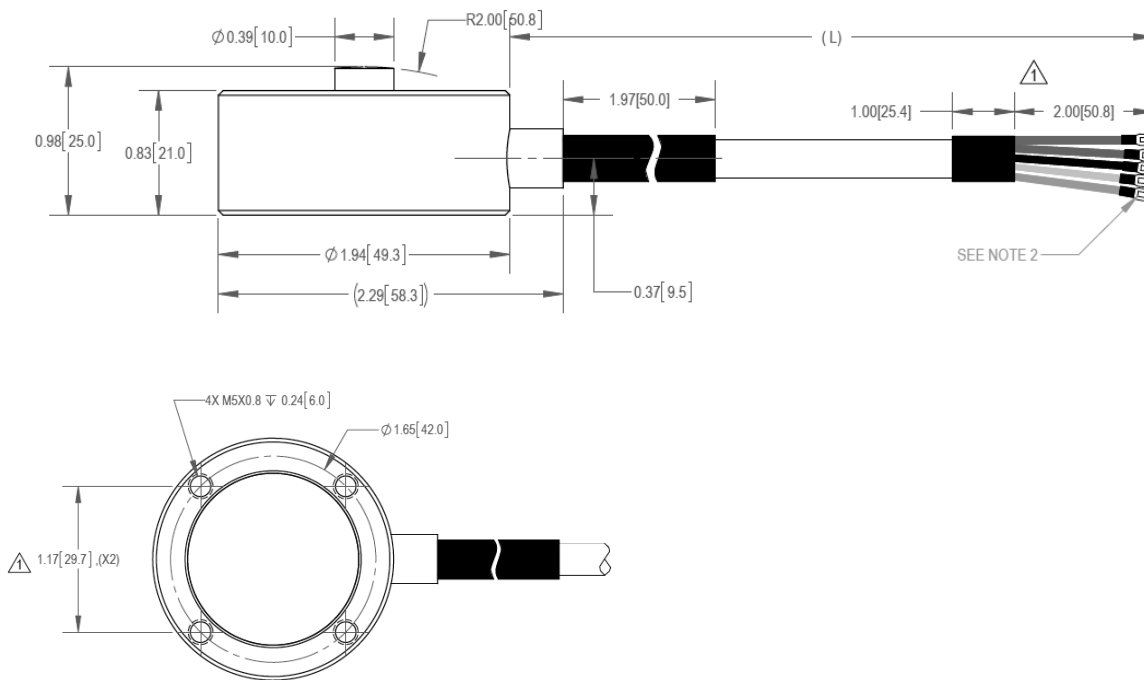
FEATURES

- Capacities: 50, 100, 200, 500, 1000, 2000kgs
- Stainless steel construction
- Environmental protection IP67
- Low profile design

APPLICATIONS

- Force measurement

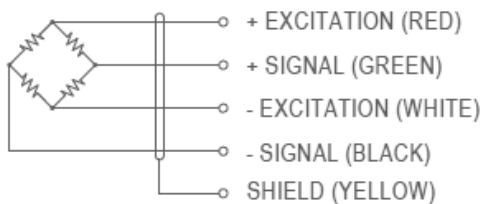
DIMENSIONS



SPECIFICATIONS

Model	NCM	
Capacities	kg	See Table 1
Full Scale Output (FS)	mV/V	2.0±0.25%
Non-Linearity	Hz%FS	≤ ±0.15
Hysteresis	%FS	≤ ±0.1
Creep @ 30 Min	%FS	≤ ±0.1
Non-Repeatability	%FS	≤ ±0.05
Zero Balance	%FS	≤ ±3
Temperature effect on zero		
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	386±30
Output	Ω	350±5
Excitation Voltage	VDC	5~ 15
Insulation Resistance @50 VDC	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 NUMBER

Capacity (kg)	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