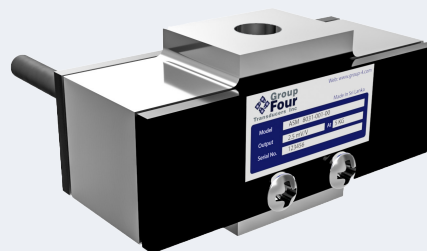


The type **ASM** aluminum low profile universal force sensor is ideal for use in medical test equipment, automated machines, testing machines and robotics.



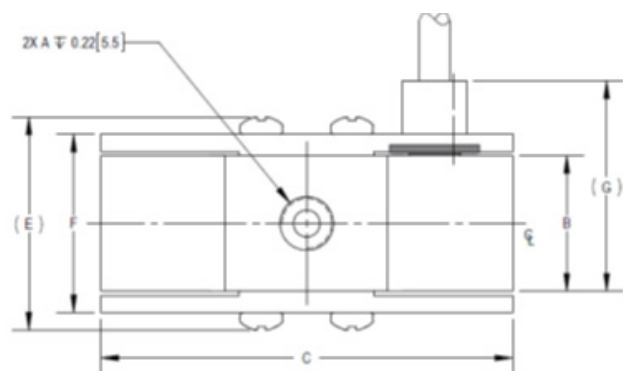
FEATURES

- Anodized aluminum construction
- Space saving low profile design
- Capacity 5, 10, 20, 50 100 & 500kg
- Environmental protection IP67

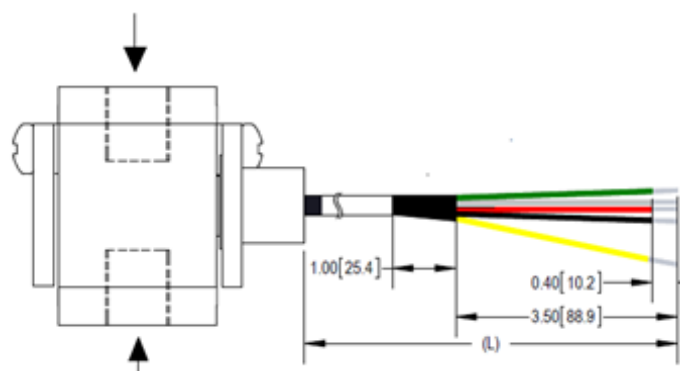
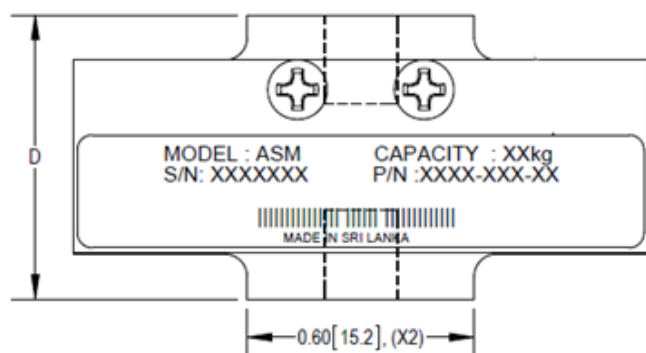
APPLICATIONS

- Testing machines
- Medical test equipments
- Automated weighing systems
- Bench weighing systems
- Robotics
- Tank weighing
- Hopper weighing

DIMENSIONS



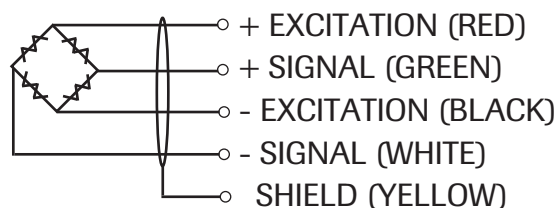
Dimensions							
Capacity (Kg)	A	B	C	D	E	F	G
5-50kg	M6x10	0.50(12.7)	1.52(38.6)	0.75(19.1)	0.78(19.9)	0.66(16.7)	0.78(19.7)
100-500kg	M10x15	0.75(19.1)	1.75(44.5)	1.00(25.4)	1.03(26.2)	0.91(23.0)	1.10(28.0)



SPECIFICATIONS

Model	ASM	
Capacities	Kg	5, 10, 20, 50, 100, 500
Full Scale Output (FS)	mV/V	2.5± 0.3%
Non-Linearity	%FS	≤±0.1
Hysteresis	%FS	≤±0.1
Creep @ 30 min	%FS	≤±0.05
Non-Repeatability	%FS	≤±0.1
Zero Balance	%FS	≤±0.5
Temperature Range Operating	°C	-20... +65
Input	Ω	700±30
Output	Ω	700±5
Excitation Voltage	VDC	5....15
Insulation Resistance @50VDC	M Ω	≥5000
Safe Overload Limit	%FS	200
Cable Length	Inch	10
Cable Type	28 AWG 4 Conductor Braided PVC Grey Cable	
Seal Type	IP67	
Element Material	Anodized Aluminum	

WIRING



PART NUMBERS

CAPACITY (kg)	G4 P/N
5	8031-001-00
10	8031-004-00
20	8031-002-00
50	8031-003-00
100	8037-000-00
500	8037-001-00