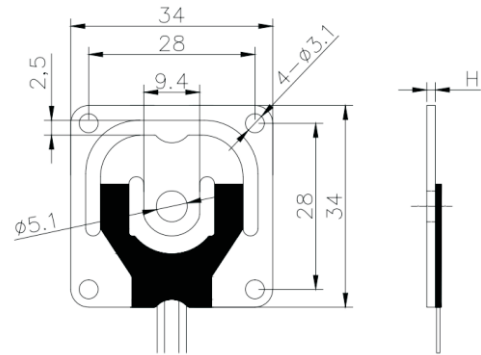


# Micro Load Cell

Full bridge with center through hole



## GML670



Rated Load(kg)	5	10	30	50	75	100	150	200
H(mm)	1.0	1.5	2.0	2.5	3.0	3.0	4.0	4.0

### FEATURES

- Manganese steel material, Surface environmental protection electroplating galvanized or electrophoresis (black),
- 4- $\phi 3.1$  hole fixed · centre through-hole  $\phi 5.1$  is Stress points · measurement of tension and compression ;
- Single piece to use or many pieces to use; Full bridge structure · 4 wires (red, black, green, white);
- Application: body scale, Fat & Water Scale and other miniature electronic weighing equipment.

### SPECIFICATION

Rated Load	5, 10, 30, 50, 75, 100, 150, 200(kg)		
Comprehensive Error	$\pm 0.05\% \text{F.S}$	Operating Temp. Range	$-10 \sim +40^{\circ}\text{C}$
Rated Output	$1.0 \sim 2.0 \pm 0.15 \text{mV/V}$	Excitation, Recommended	5VDC
Zero Balance	$\pm 0.3 \text{mV/V}$	Excitation, Maximum	3~10VDC
Linearity Error	$\pm 0.05\% \text{F.S}$	Safe Overload	120%F.S
Repeatability Error	$\pm 0.05\% \text{F.S}$	Ultimate Overload	150%F.S
Hysteresis Error	$\pm 0.05\% \text{F.S}$	Insulation Resistance	$\geq 2000 \text{M}\Omega (50 \text{VDC})$
Creep	$\pm 0.05\% \text{F.S}/3 \text{min}$	Cable	4 color PVC wires
Input Resistance	$1000 \pm 10\% \Omega$	Cable Length	$\phi 0.8 \times 210 \text{mm}$
Output Resistance	$1000 \pm 10\% \Omega$	Ingress Protection	IP65
Temp. Effect on Output	$\pm 0.1\% \text{F.S}/10^{\circ}\text{C}$	Wiring Code	E+: Red E-: Black
Temp. Effect on Zero	$\pm 0.1\% \text{F.S}/10^{\circ}\text{C}$		S+: Green S-: White

## Rated Output Datasheet

Range(kg)	Thickness(mm)	Number of use(pcs)	Max Range (kg)	Rated Output(mV/V)	Remark
5	1.0	1	5~10	1.0±0.15	Multiple full-bridge load cells are connected in parallel circuit. The sum of sensitivity outputs of multiple sensors is the same as that of a single sensor.
10	1.5	1	10~20	1.0±0.1	
30	2.0	1	20~40	1.6±0.15	
50	2.5	1	50	1.75±0.15	
75	3.0	1	75~100	1.75±0.15	
100	3.0	1	75~100	2.3±0.15	
150	4.0	1	100~200	1.5±0.15	
200	4.0	1	100~200	2.0±0.15	