

# Miniature Button Load Cell

## SPECIAL FEATURES

- Compression force measurement
- It is suitable for a variety of small space force measurement such as automobile parts assembly, 3C product testing, new energy product assembly, medical testing, robotics, and other industrial automation fields.



## SPECIFICATION

Range	3, 5, 10, 20, 30, 50, 100kg	Comprehensive error	$\leq \pm 0.1\%$
Non-linearity	0.1%	Rated output	1.0~1.5mV/V
Zero balance	$\pm 2\%F.S$	Creep	$\pm 0.1\%F.S/30min$
Output resistance	$350 \pm 5\Omega$	Input resistance	$350 \pm 5\Omega$
Defend grade	IP66	Insulation resistance	$\geq 2000M\Omega/50VDC$
Compensated temp.range	-10~+60°C	Excitation voltage	5~15V
Safe overload	150%F.S	Temp. effect on span	$\pm 0.05\%F.S/10^{\circ}C$
Operating temp Range	-20~+80°C	Temp. effect on zero	$\pm 0.05\%F.S/10^{\circ}C$

## DIMENSION

