



MLC902H-Health Scale Steel Leaf Half Bridge Strain Gauge Load Cell

Model: MLC902H

Product Catalog: Miniature Load Cell

Rated Load: 10kg、30kg、50kg、75kg

Overload Protection: 150%; Ultimate Overload: 200%

Dimensions: 34*34*H (mm)

Material: Alloy Steel

Suitable for: Health Scale, Bathroom Scale, Body Fat Scale, Weight Loss Scale、Baby Scale、Pet Scale、Kitchen Scale、Miniature Force



Load Range	10kg	30kg	50kg	75kg
H1	1.5	2	2.5	3
H2	5.8	6.3	6.8	7.3
HBRated Output:	$0.5 \pm 0.15 \text{mv/v}$	$1.0 \pm 0.15 \text{mv/v}$	$1.0 \pm 0.15 \text{mv/v}$	$1.0 \pm 0.15 \text{mv/v}$
FBRated Output:	$1.0 \pm 0.15 \text{mv/v}$	$1.8 \pm 0.15 \text{mv/v}$	$1.8 \pm 0.15 \text{mv/v}$	$1.8 \pm 0.15 \text{mv/v}$
Technical Parameters				
Comprehensive Error:	0.2%FS	Output Resistance:	$1000\Omega \pm 5\%$	
Rated Output:	Refer to Parameters Above	Insulation Resistance:	$\geq 2000\text{M}\Omega$ (100VDC)	
Non-linearity:	0.2%FS	Excitation Voltage:	3~10VDC	
Hysteresis:	0.2%FS	Compensated Temp Range:	-10~+40 C	
Repeatability:	0.15%FS	Operating Temperature:	-20~+55 C	
Creep:	0.15%FS/10Min	温°Effect on Zero Effect:	0.5%FS/10°C	
Zero Balance:	$\pm 0.3 \text{mv/v}$	温°对 Sensitivity Effect:	0.2%FS/10°C	
Input Resistance:	$1000\Omega \pm 5\%$	Protection Class:	IP66 Protection Class	

Force Structure



Product Dimensions

