



### MLC931-Aluminum Alloy Platform Scale Load Cell

Model: MLC931  
Product Catalog: Miniature Load Cell  
Rated Load: 15、30、75、150、300kg  
Overload Protection: 150% R.C  
Material: Aluminum Alloy  
Suitable for: Miniature Force, Robot, Robotic Arm, Platform Scale



| Capacity | Output | ØA  | T    | W  |
|----------|--------|-----|------|----|
| 30       | 1.5    | 5.1 | 3.5  | 39 |
| 75       | 1.5    | 6.1 | 4.52 | 45 |
| 150      | 2.0    | 6.1 | 5.5  | 45 |
| 300      | 2.0    | 6.1 | 7.75 | 45 |

| Technical Parameters |                        |                            |                      |
|----------------------|------------------------|----------------------------|----------------------|
| Comprehensive Error: | 0.05%FS                | Output Resistance:         | 1000±10Ω             |
| Rated Output:        | (1.0-2.0) ±0.1 mv/v    | Insulation Resistance:     | ≥2000MΩ (50VDC)      |
| Non-linearity:       | ± 0.05% R.O            | Excitation Voltage:        | 5~10VDC              |
| Hysteresis:          | ± 0.05% R.O            | Compensated Temp Range:    | -10~+40 C            |
| Repeatability:       | ± 0.05% R.O            | Operating Temperature:     | -20~+55 C            |
| Creep:               | ± 0.05% R.O. /2Minutes | 温°Effect on Zero Effect:   | ±0. 2% R.O. /10°C    |
| Zero Output:         | ±0.1mV/V               | 温°Effect on Output Effect: | ± 0.2% R.O. /10° C   |
| Input Resistance:    | 1130±20Ω               | Protection Class:          | IP66Protection Class |

## Force Structure



## Product Dimensions

