

## MLC204E A Robot Intelligent Switch Micro Force Measurement Button Type

### Micro Force Sensor 200kg

Model: MLC204E A

Category: Button Type Load Cell

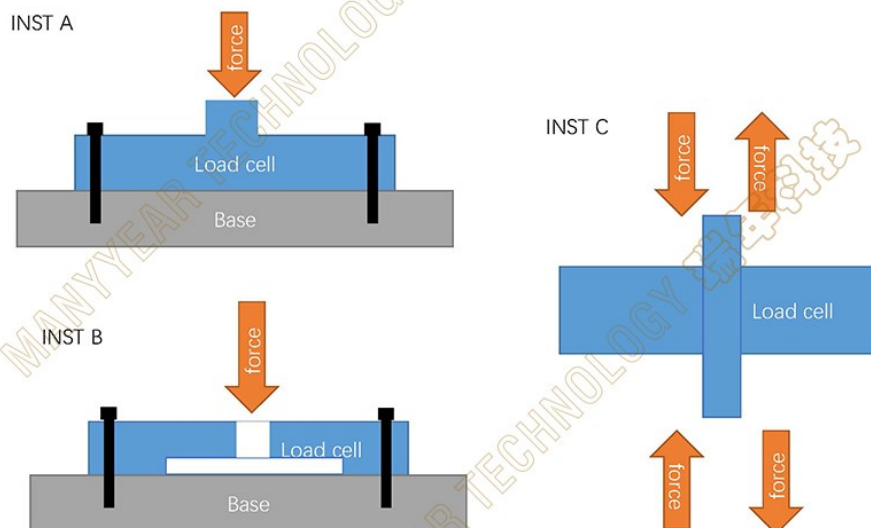
Range: 10kg, 20kg, 50kg , 75kg , 100kg, 150kg, 200kg

Size: D35.7\*23.8mm

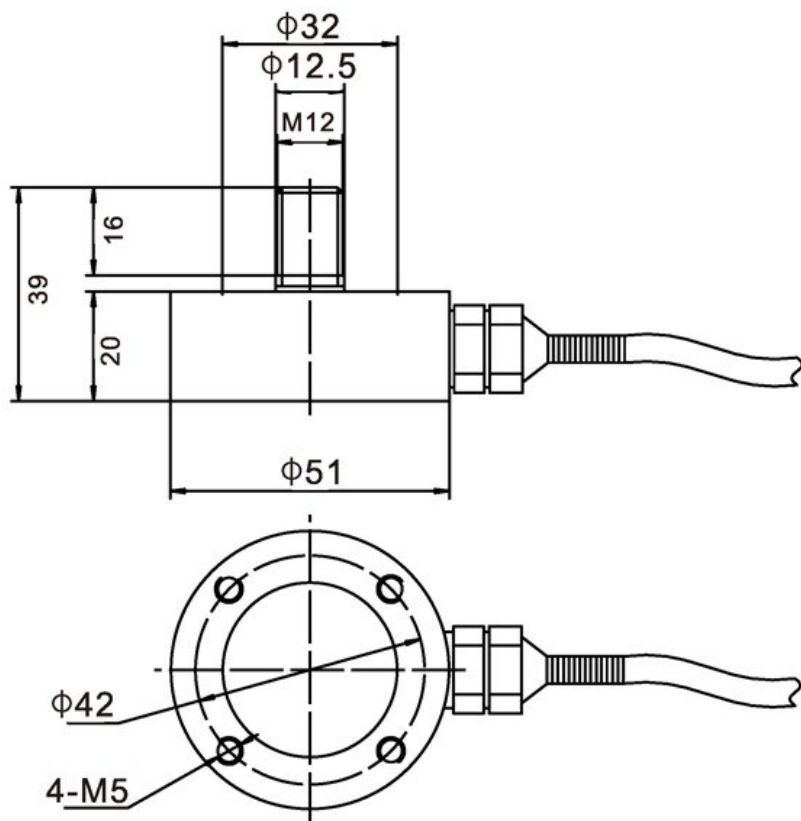
Material: Alloy steel, Stainless steel

Safe overload 120% FS Overload limit: 150% FS

Application: Robot intelligent switch micro force measuring machine



外形尺寸 External Dimension



量程(kg) 20 50 100 200 300 500  
1000 2000 3000 5000

## Technical specifications

|                      |                                              |                                 |                                              |
|----------------------|----------------------------------------------|---------------------------------|----------------------------------------------|
| Comprehensive error: | 0.1%FS                                       | Output resistance:              | 350 $\pm$ 10 $\Omega$ , 700 $\pm$ 5 $\Omega$ |
| Rated output:        | 1 $\pm$ 0.15mv / v                           | Insulation resistance:          | $\geq$ 5000M $\Omega$ (100VDC)               |
| Nonlinearity:        | 0.1%FS                                       | Operating Voltage:              | 9~12VDC                                      |
| Lag:                 | 0.1%FS                                       | Compensation temperature:       | -10~+40°C                                    |
| Repeatability:       | 0.1%FS                                       | Operating temperature:          | -20~+55°C                                    |
| Creep:               | 0.03%FS/10MIN                                | Effect of Temp. on zero point:  | 0.05%FS/10°C                                 |
| Zero Balance:        | $\pm$ 2%FS                                   | Effect of Temp. on sensitivity: | 0.05%FS/10°C                                 |
| Input resistance:    | 350 $\pm$ 10 $\Omega$ , 700 $\pm$ 5 $\Omega$ | Protection level:               | IP66                                         |