

**MLC407-500t Large Capacity Column Type Load Cell / Force Sensor**

Model: MLC407-300,500,600ton

Category: Column Type Force Sensor

Capacity: 300,500ton

Dimensions: 230\*210mm

Material: Alloy Steel

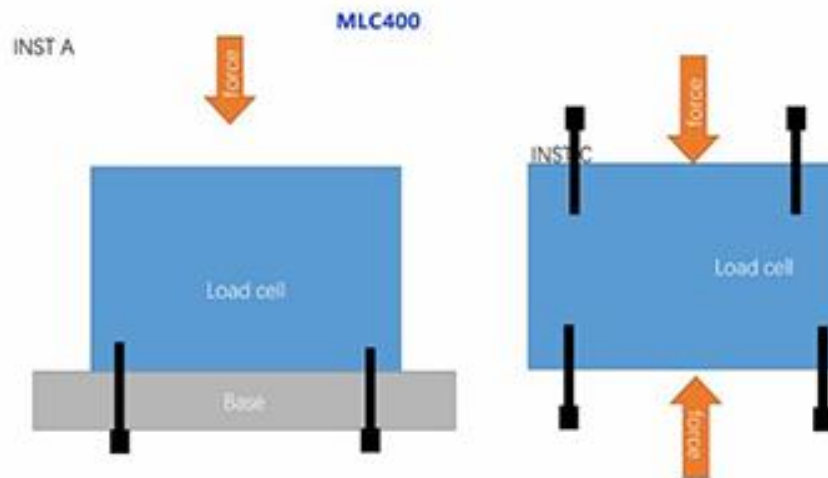
Application: Hydraulic Press, Oil Hydraulic Press, Force Testing Machine, Large Capacity Load Cell / Force Sensor


**Technical Specifications**

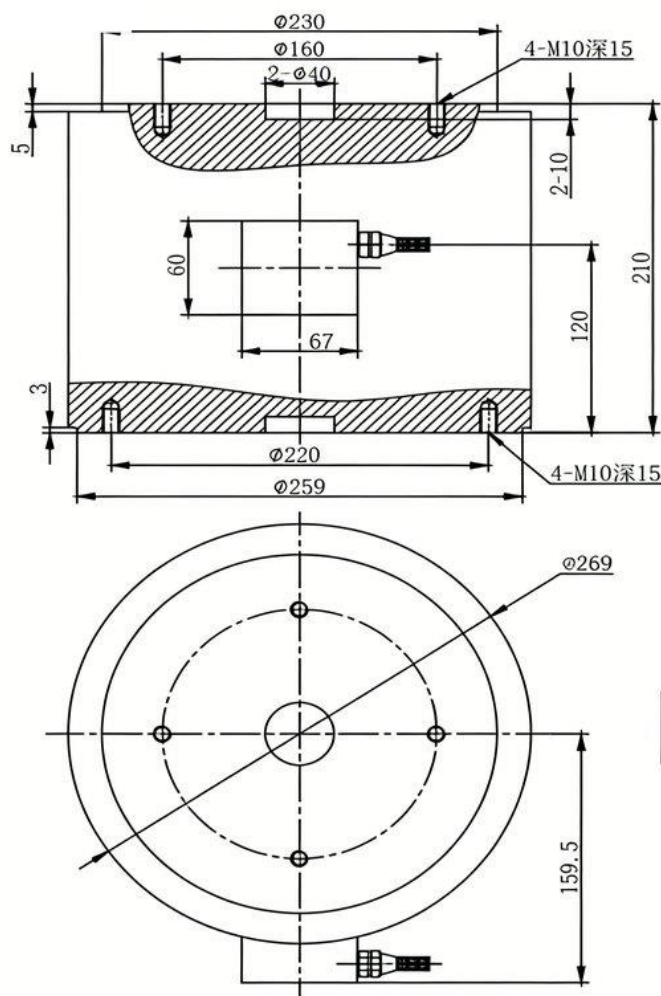
|                      |                      |                         |                              |
|----------------------|----------------------|-------------------------|------------------------------|
| Comprehensive Error: | $\pm 0.1\%FS$        | Output Resistance:      | $352 \pm 5\Omega$            |
| Rated Output:        | $2.0 \pm 0.005 MV/V$ | Insulation Resistance:  | $\geq 5000 M\Omega (100VDC)$ |
| Non-linearity:       | $0.05\%FS$           | Excitation Voltage:     | 10~12VDC                     |
| Hysteresis:          | $0.03\%FS$           | Compensated Temp Range: | 30~+70°C                     |
| Repeatability:       | $0.03\%FS$           | Operating Temperature:  | 20~+55°C                     |
| Creep:               | $0.03\%FS/30Min$     | 温°Zero Effect:          | $0.03\%F.S/10^{\circ}C$      |
| Zero Balance:        | $\pm 1\%FS$          | 温°Sensitivity Effect:   | $0.03\%F.S/10^{\circ}C$      |
| Input Resistance:    | $350 \pm 10\Omega$   | Protection Class:       | IP67                         |

### Force Structure

#### COMPRESSION LOAD CELL FORCE INSTALLATION



### Product Dimensions



**500t**

