

**MLC411-Hydraulic Press, Large Capacity Column Force Sensor 500t**

Model: MLC411

Category: Column Type Force Sensor

Capacity: 200,300,500t

Dimensions: Ø228\*270mm

Material: Alloy Steel, Stainless Steel

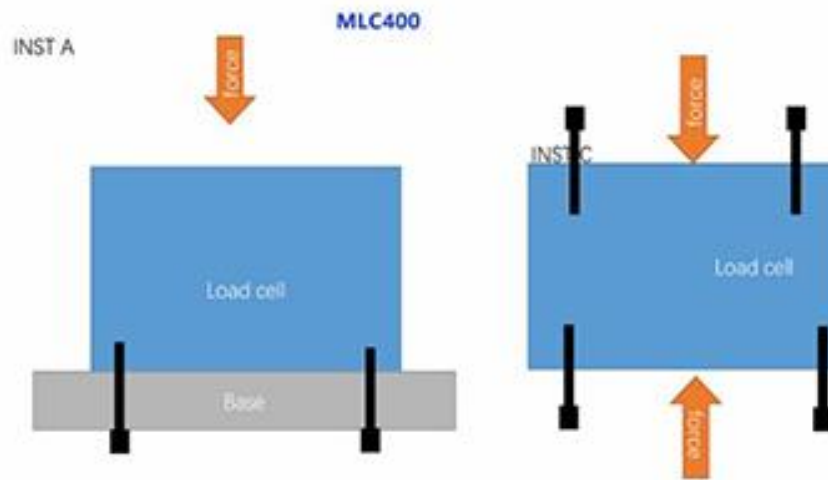
Application: Hydraulic Press Force Sensor, Oil Hydraulic Force Sensor, Large Capacity Force Sensor

**Technical Specifications**

|                      |               |                         |                 |
|----------------------|---------------|-------------------------|-----------------|
| Comprehensive Error: | 0.2%FS        | Output Resistance:      | 352±5Ω          |
| Rated Output:        | 2.0±0.005mv/v | Insulation Resistance:  | ≥5000MΩ(100VDC) |
| Non-linearity:       | 0.05%FS       | Excitation Voltage:     | 9~12VDC         |
| Hysteresis:          | 0.05%FS       | Compensated Temp Range: | 10~+40℃         |
| Repeatability:       | 0.03%FS       | Operating Temperature:  | 20~+55℃         |
| Creep:               | 0.03%FS/10MIN | 温°Zero Effect:          | 0.05%FS/10℃     |
| Zero Balance:        | ±1%FS         | 温°Sensitivity Effect:   | 0.05%FS/10℃     |
| Input Resistance:    | 380±10Ω       | Protection Class:       | IP66 & IP68     |

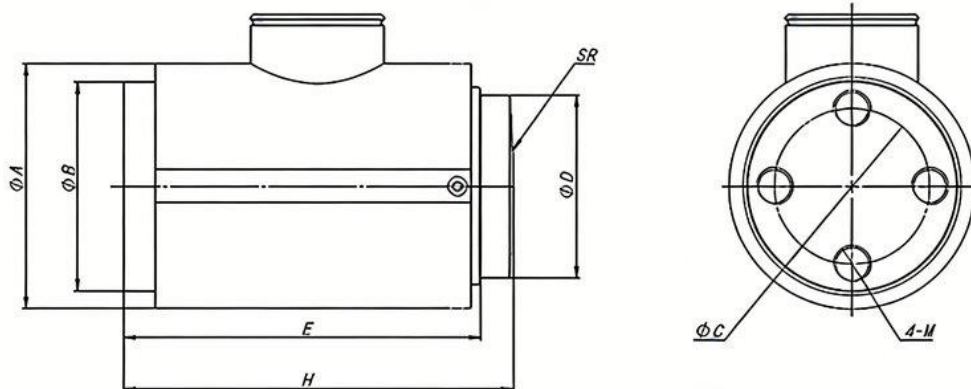
## Force Structure

### COMPRESSION LOAD CELL FORCE INSTALLATION



## Product Dimensions

### MLC411-SIZE



| kN        | A   | B    | C   | D   | H   | E   | M  | SR   |
|-----------|-----|------|-----|-----|-----|-----|----|------|
| 150-300   | 86  | 73.5 | 56  | 40  | 140 | 129 | 10 | 200  |
| 400-600   | 100 | 87   | 68  | 80  | 150 | 133 | 12 | 350  |
| 1000      | 107 | 91   | 68  | 80  | 170 | 156 | 16 | 500  |
| 1500-2000 | 158 | 139  | 100 | 120 | 220 | 201 | 16 | 1000 |
| 3000-5000 | 228 | 205  | 100 | 190 | 335 | 270 | 16 | 2000 |