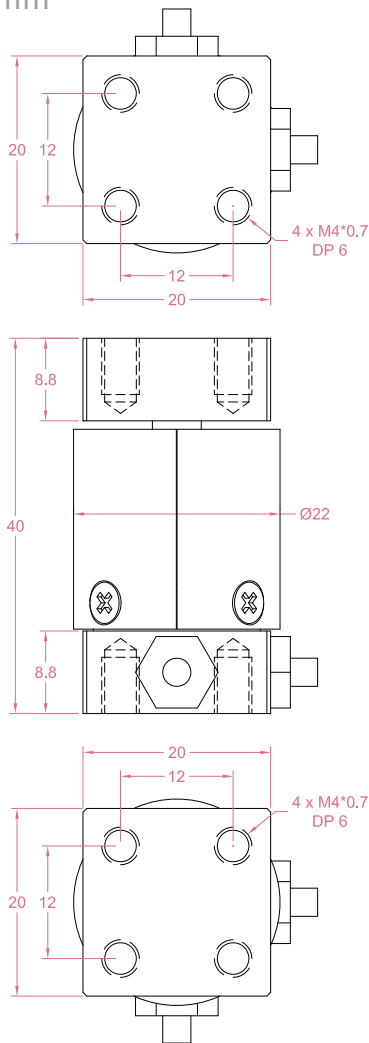


Dimensions in “mm”



Order example:

2 x LCM2A - 200N

Quantity

Model

Capacity  
(Fx=Fy)

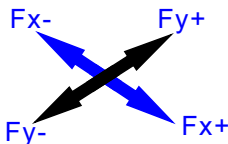
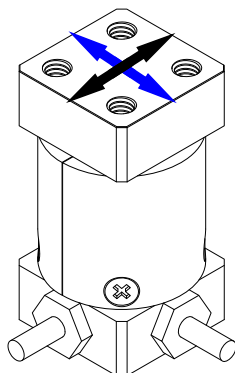
Email to [sales@loadcellsensor.com](mailto:sales@loadcellsensor.com) for a quote

| Specifications   |                                          |                       |                                          |
|------------------|------------------------------------------|-----------------------|------------------------------------------|
| Rated Capacity   | Fx=Fy=10/20/50/100/200/300/500/1000 N    |                       |                                          |
| Rated Output     | 1.0~1.5 mV/V                             | Compensated Temp.     | 0...+40°C                                |
| Excitation       | 3~12V                                    | Operating Temp.       | -10...+60°C                              |
| Zero Balance     | ±0.05 mV/V                               | Temp. Coeff. of Zero  | ±0.03% F.S./°C                           |
| Nonlinearity     | ±0.2% F.S.                               | Temp. Coeff. of Span  | ±0.02% F.S./°C                           |
| Hysteresis       | ±0.2% F.S.                               | Input Resistance      | 380±30 Ohms                              |
| Nonrepeatability | ±0.1% F.S.                               | Output Resistance     | 350±10 Ohms                              |
| Creep(3min)      | ±0.05% F.S.                              | Insulation Resistance | >2000M Ohms(50V)                         |
| Safe Load Limit  | 150% F.S.                                | IP Rating             | IP50                                     |
| Breaking Load    | 200% F.S.                                | Element Material      | ≤50N: Aluminum<br>≥100N: Stainless steel |
| Cable            | 2 x Ø3*3000mm 4-conductor shielded cable |                       |                                          |

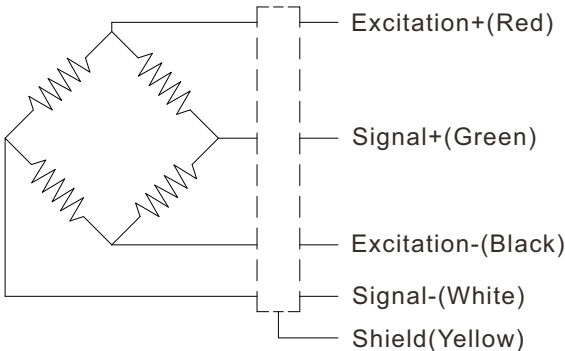
• LCS reserves the right to modify its design and specifications without notice

P:1/2

Load direction



Wiring Code(Same for Fx/Fy axis)



Shield is NOT connected to the sensor body

Sensor/Amplifier/Indicator

| Items                                | Power supply        | Output/Function                                                                             |
|--------------------------------------|---------------------|---------------------------------------------------------------------------------------------|
| LCM2A                                | 3-12V<br>(Constant) | -18mV...+18mV<br>(Depending on the power supply)                                            |
| LCM2A<br>+<br>Analog amplifier       | 12~24V DC           | 0-3.3V,0-5V,0-10V,0-2.5-5V,0-5-10V<br>-3.3-3.3V,-5-5V,-10-10V<br>0-20mA,4-20mA,4-12-20mA... |
| LCM2A<br>+<br>Digital amplifier      | 12~24V DC           | RS485 or RS232 output                                                                       |
| Email us for datasheet of amplifiers |                     |                                                                                             |

Customization options

|                                             |
|---------------------------------------------|
| Cable<br>(Length/Specifications/Connectors) |
| Dimensions and measuring range              |