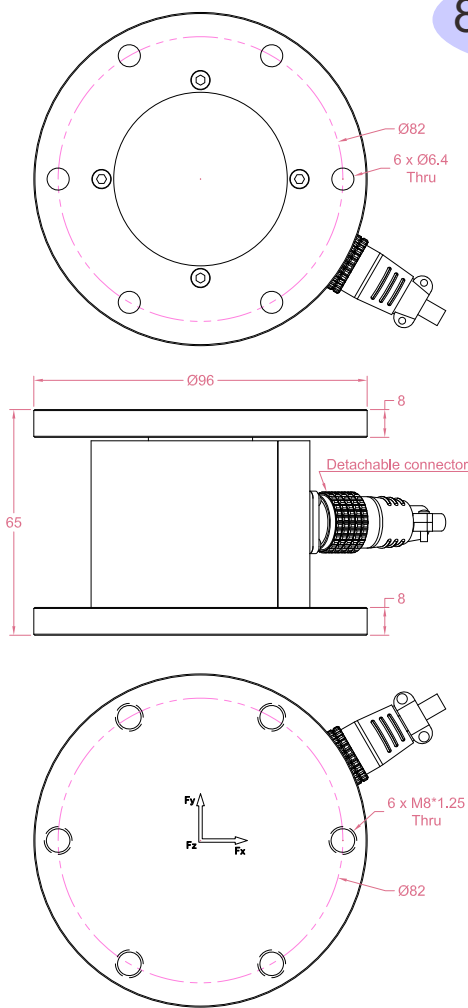


Dimensions in "mm"

899usd/pc



Order example:

1 x LCM07 - H

Quantity Ordering part No.

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

### Specifications

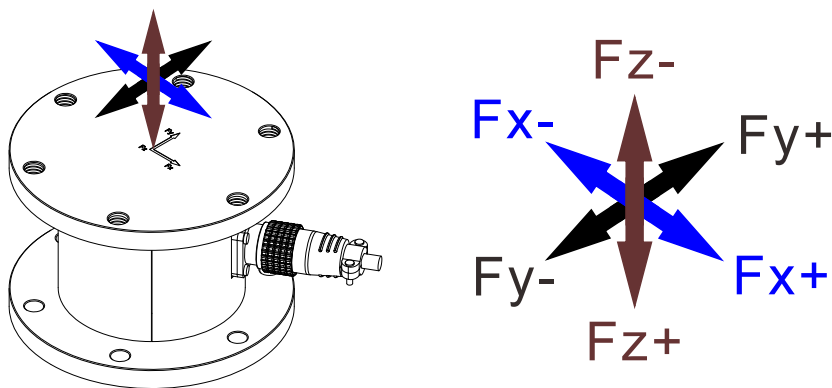
| Rated Capacity   | Refer to ordering part No.           |                       |                  |
|------------------|--------------------------------------|-----------------------|------------------|
| Rated Output     | 1.0 mV/V                             | Compensated Temp.     | 0...+40°C        |
| Excitation       | 3~12V                                | Operating Temp.       | -10...+60°C      |
| Zero Balance     | ±0.05 mV/V                           | Temp. Coeff. of Zero  | ±0.03% F.S./°C   |
| Nonlinearity     | ±0.3% F.S.                           | Temp. Coeff. of Span  | ±0.02% F.S./°C   |
| Hysteresis       | ±0.3% F.S.                           | Input Resistance      | 180±50 Ohms      |
| Nonrepeatability | ±0.2% F.S.                           | Output Resistance     | 350/700±30 Ohms  |
| Creep(3min)      | ±0.1% F.S.                           | Insulation Resistance | >2000M Ohms(50V) |
| Safe Load Limit  | 150% F.S.                            | IP Rating             | IP50             |
| Breaking Load    | 200% F.S.                            | Element Material      | Stainless steel  |
| Cable            | Ø6*3000mm 8-conductor shielded cable |                       |                  |

| Ordering part No.: Model - Code                                                           |      |          |        |
|-------------------------------------------------------------------------------------------|------|----------|--------|
| Model                                                                                     | Code | Capacity |        |
|                                                                                           |      | Fx=Fy    | Fz     |
| LCM07                                                                                     | A    | 50kg     | 100kg  |
|                                                                                           | B    | 100kg    | 100kg  |
|                                                                                           | C    | 100kg    | 200kg  |
|                                                                                           | D    | 200kg    | 200kg  |
|                                                                                           | E    | 200kg    | 300kg  |
|                                                                                           | F    | 300kg    | 300kg  |
|                                                                                           | G    | 300kg    | 500kg  |
|                                                                                           | H    | 500kg    | 500kg  |
|                                                                                           | I    | 500kg    | 1000kg |
| Example: LCM07-C means:<br>Fx capacity: 100kg<br>Fy capacity: 100kg<br>Fz capacity: 200kg |      |          |        |

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

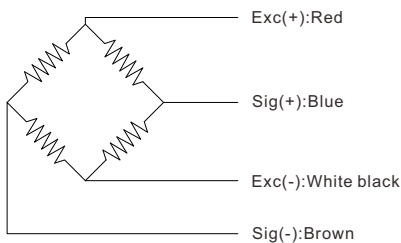
P:1/2

Load direction

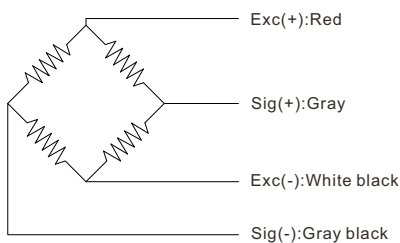


Wiring Code

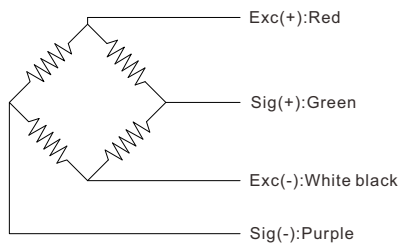
X-axis



Y-axis



Z-axis



Shield is NOT connected to the sensor body

Sensor/Amplifier/Indicator

| Items                                | Power supply        | Output/Function                                                                             |
|--------------------------------------|---------------------|---------------------------------------------------------------------------------------------|
| LCM07                                | 3-12V<br>(Constant) | -12mV...+12mV<br>(Depending on the power supply)                                            |
| LCM07<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... |
| LCM07<br>+<br>Digital amplifier      | 12~24V DC           | RS485 or RS232 output                                                                       |
| Email us for datasheet of amplifiers |                     |                                                                                             |