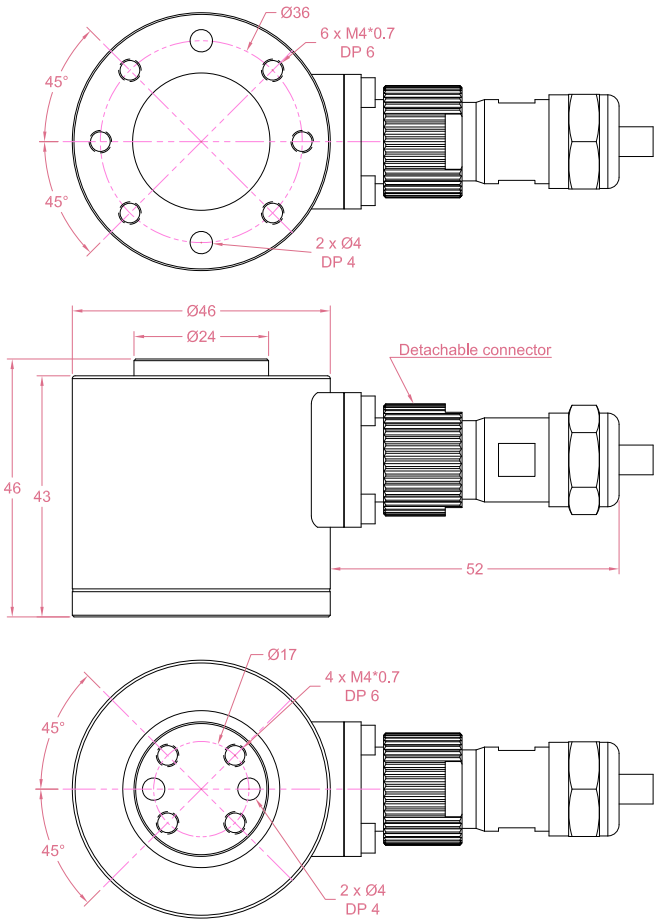
# Model:LCM06

Dimensions in “mm”





## Order example:

1 x LCM06 - 20kg

Quantity | Model | Capacity (Fx=Fy=Fz)

Email to sales@loadcellsensor.com for a quote

| Specifications | | | |
|---|---|---|---|
| Rated Capacity | Fx=Fy=Fz=5/10/20/50 kg | | |
| Rated Output | 1.0 mV/V | Compensated Temp. | 0...+40°C |
| Excitation | 3~12V | Operating Temp. | -20...+60°C |
| Zero Balance | ±0.1 mV/V | Temp. Coeff. of Zero | ±0.03% F.S./°C |
| Nonlinearity | ±0.3% F.S. | Temp. Coeff. of Span | ±0.03% F.S./°C |
| Hysteresis | ±0.3% F.S. | Input Resistance | Fx/Fy:350±30 Ohms<br>Fz: 700±30 Ohms |
| Nonrepeatability | ±0.1% F.S. | Output Resistance | Fx/Fy:350±10 Ohms<br>Fz: 700±10 Ohms |
| Creep(3min) | ±0.1% F.S. | Insulation Resistance | >2000M Ohms(50V) |
| Safe Load Limit | 150% F.S. | IP Rating | IP60 |
| Breaking Load | 200% F.S. | Element Material | Stainless steel |
| Cable | Ø5.3*3000mm 12-conductor | | |

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



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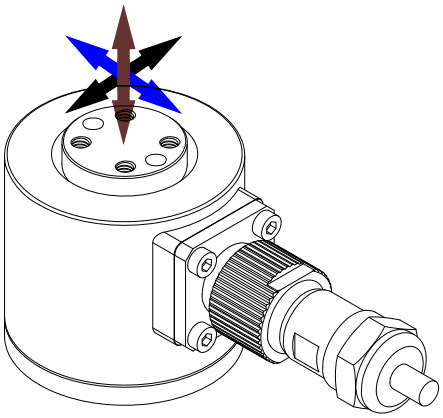
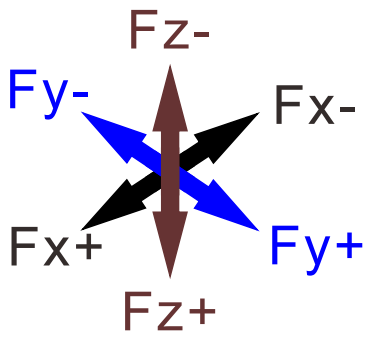
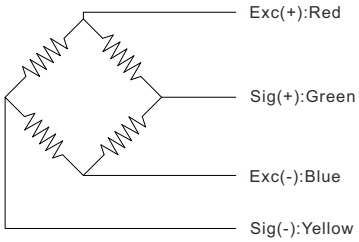
## Load direction



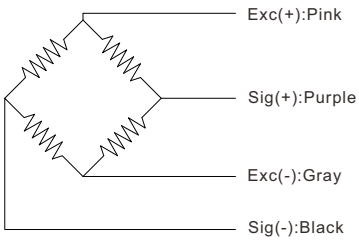



## Wiring Code

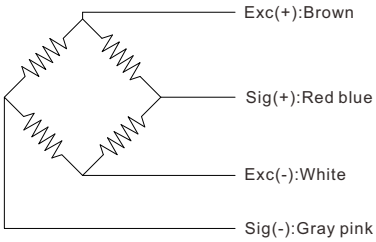
### X-axis




### Y-axis




### Z-axis




## Sensor/Amplifier/Indicator

| Items | Power supply | Output/Function |
|---|---|---|
| LCM06 | 3-12V<br>(Constant) | -12mV...+12mV<br>(Depending on the power supply) |
| LCM06<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... |
| LCM06<br>+<br>Digital amplifier | 12~24V DC | RS485 or RS232 output |
| Email us for datasheet of amplifiers | | |



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