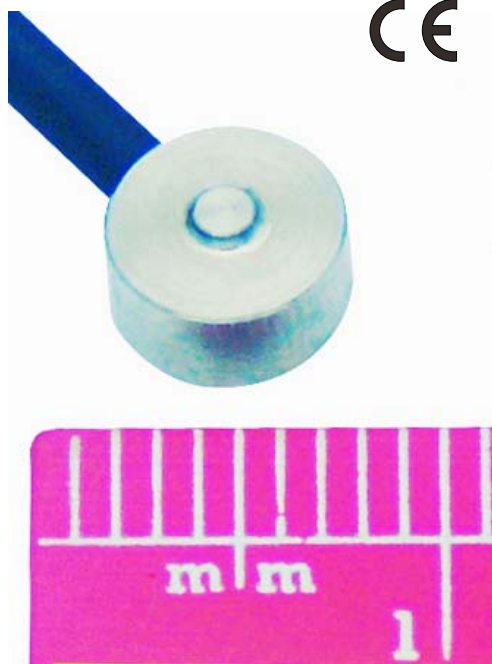
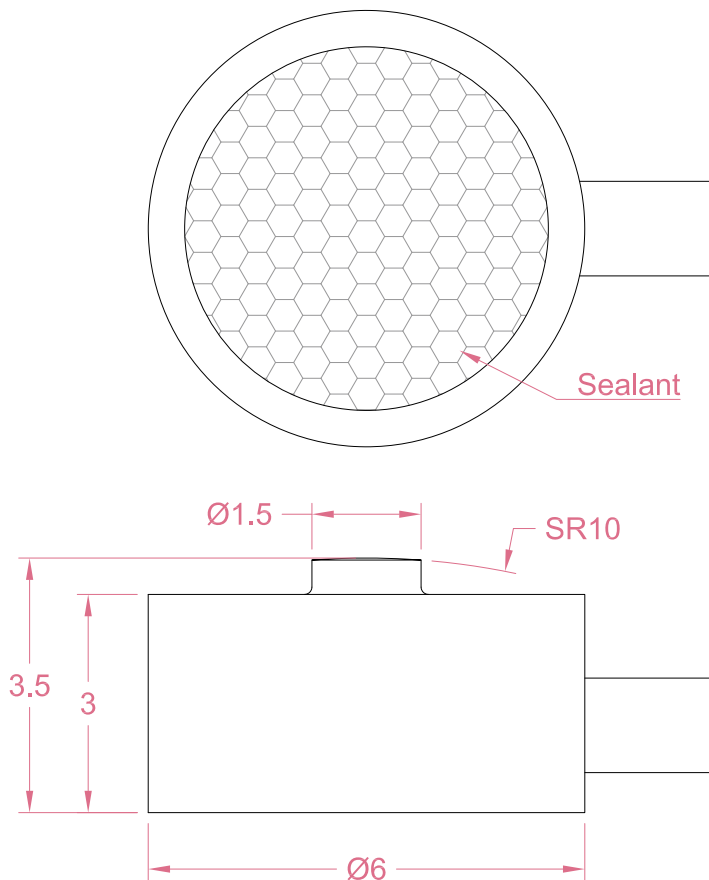


Dimensions in “mm”



Order example:

2 x LCB6D - 5kg

Quantity Model Capacity

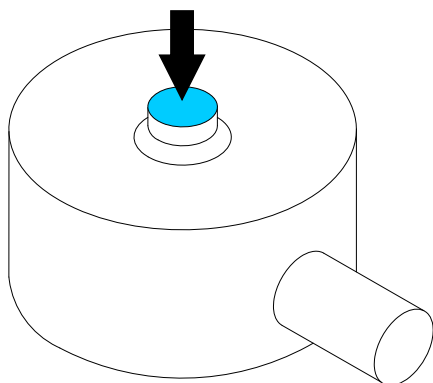
Email to [sales@loadcellsensor.com](mailto:sales@loadcellsensor.com) for a quote

| Specifications   |                         |                       |                  |
|------------------|-------------------------|-----------------------|------------------|
| Rated Capacity   | 5/10/20 kg              |                       |                  |
| Rated Output     | 1.0 mV/V                | Compensated Temp.     | 0...+40°C        |
| Excitation       | 3~6V                    | Operating Temp.       | -20...+60°C      |
| Zero Balance     | ±0.1 mV/V               | Temp. Coeff. of Zero  | ±0.05% F.S./°C   |
| Nonlinearity     | ±1% F.S.                | Temp. Coeff. of Span  | ±0.05% F.S./°C   |
| Hysteresis       | ±1% F.S.                | Input Resistance      | 500±50 Ohms      |
| Nonrepeatability | ±0.5% F.S.              | Output Resistance     | 500±20 Ohms      |
| Creep(5min)      | ±0.5% F.S.              | Insulation Resistance | >2000M Ohms(50V) |
| Safe Load Limit  | 150% F.S.               | IP Rating             | IP62             |
| Breaking Load    | 200% F.S.               | Element Material      | Stainless steel  |
| Cable            | Ø1.3*2000mm 4-conductor |                       |                  |

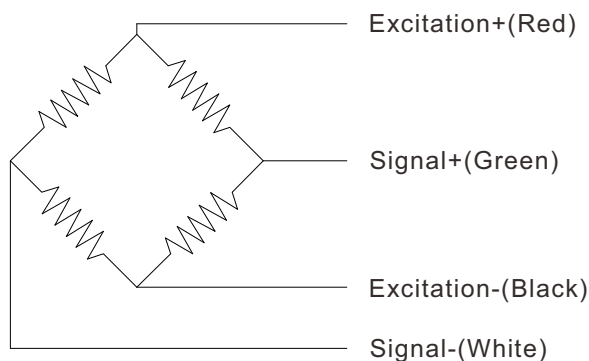
• LCS reserves the right to modify its design and specifications without notice

P:1/2

Load direction



Wiring Code



### Sensor/Amplifier/Indicator

| Items                                             | Power supply       | Output/Function                                                                                                 |
|---------------------------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------|
| LCB6D                                             | 3-6V<br>(Constant) | 0...+6mV<br>(Depending on the power supply)                                                                     |
| LCB6D<br>+<br>Analog amplifier                    | 12~24V DC          | 0-3.3V,0-5V,0-10V,<br>0-20mA,4-20mA...                                                                          |
| LCB6D<br>+<br>Digital amplifier                   | 12~24V DC          | RS485 or RS232 output                                                                                           |
| LCB6D<br>+<br>Indicator                           | 12~24V DC          | Display force value<br>Switch/Relay output<br>Peak holding<br>RS485/RS232 interface<br>0-5V/0-10V/4-20mA output |
| Email us for datasheet of amplifier and indicator |                    |                                                                                                                 |