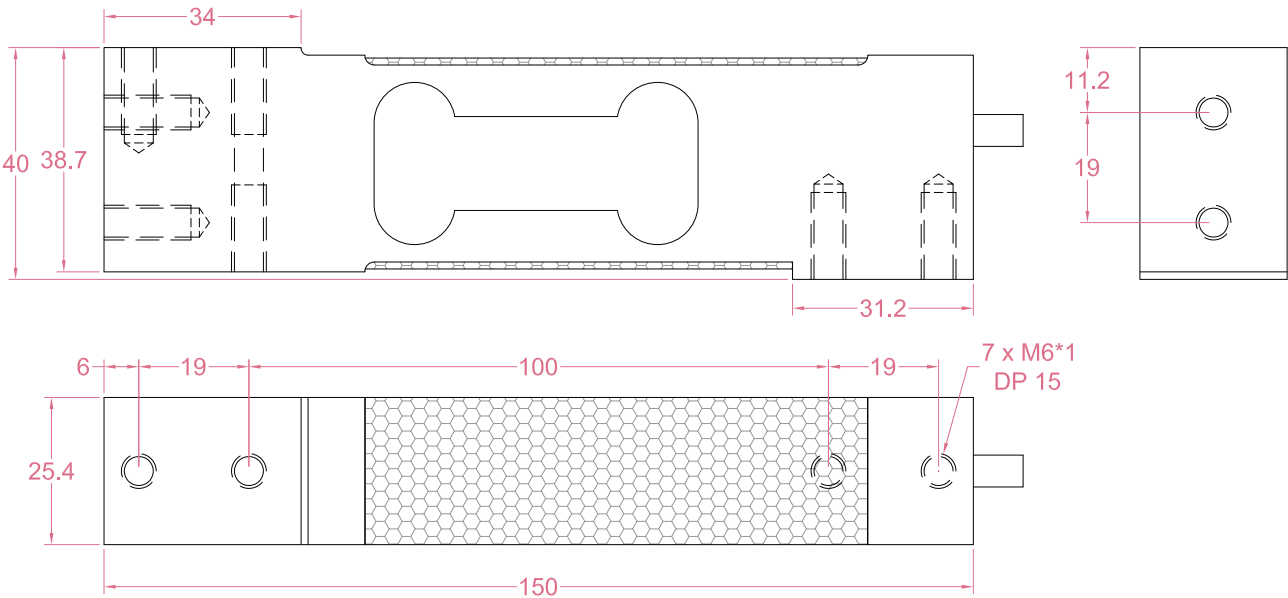




Dimensions in “mm”



Order example:

2 x LCE16 - 10kg

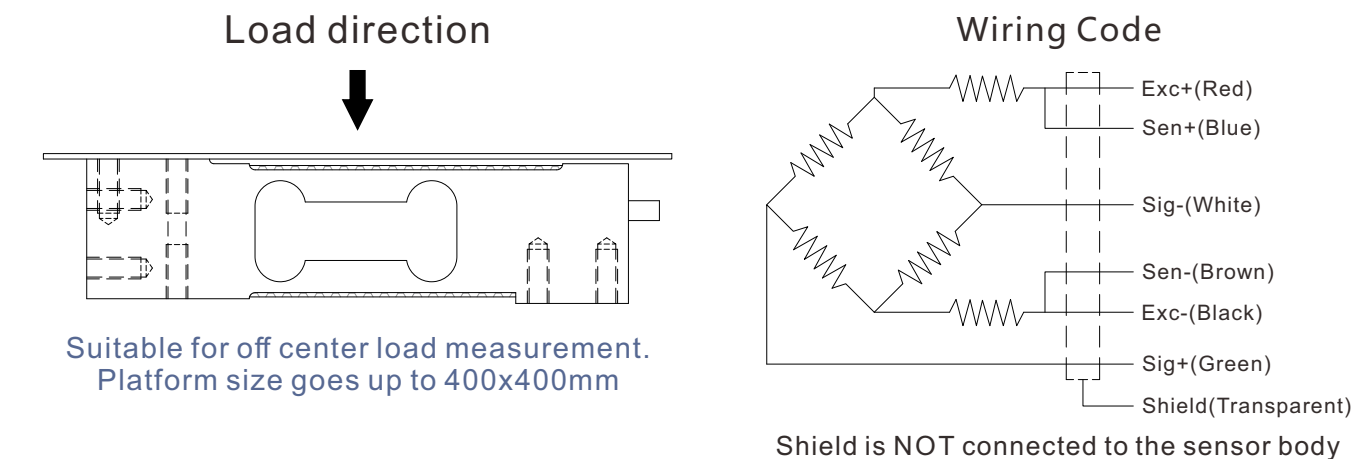
Quantity Model Capacity

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

| Specifications   |                                      |                       |                  |
|------------------|--------------------------------------|-----------------------|------------------|
| Rated Capacity   | 3/5/8/10/15/20/30/50/100 kg          |                       |                  |
| Rated Output     | 2.0±0.2 mV/V                         | Compensated Temp.     | -10...+40°C      |
| Excitation       | 3~15V                                | Operating Temp.       | -30...+65°C      |
| Zero Balance     | ±0.05 mV/V                           | Temp. Coeff. of Zero  | ±0.002% F.S./°C  |
| Nonlinearity     | ±0.02% F.S.                          | Temp. Coeff. of Span  | ±0.002% F.S./°C  |
| Hysteresis       | ±0.02% F.S.                          | Input Resistance      | 405±10 Ohms      |
| Nonrepeatability | ±0.015% F.S.                         | Output Resistance     | 352±5 Ohms       |
| Creep(30min)     | ±0.02% F.S.                          | Insulation Resistance | >2000M Ohms(50V) |
| Safe Load Limit  | 150% F.S.                            | IP Rating             | IP65             |
| Breaking Load    | 200% F.S.                            | Element Material      | Aluminum alloy   |
| Cable            | Ø5*3000mm 6-conductor shielded cable |                       |                  |

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

P:1/2



## Sensor/Amplifier/Indicator

| Items                                             | Power supply        | Output/Function                                                                                                 |
|---------------------------------------------------|---------------------|-----------------------------------------------------------------------------------------------------------------|
| LCE16                                             | 3-15V<br>(Constant) | 0mV...+30mV<br>(Depending on the power supply)                                                                  |
| LCE16<br>+<br>Analog amplifier                    | 12~24V DC           | 0-3.3V,0-5V,0-10V,<br>0-20mA,4-20mA...                                                                          |
| LCE16<br>+<br>Digital amplifier                   | 12~24V DC           | RS485 or RS232 output                                                                                           |
| LCE16<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 |                     |                                                                                                                 |