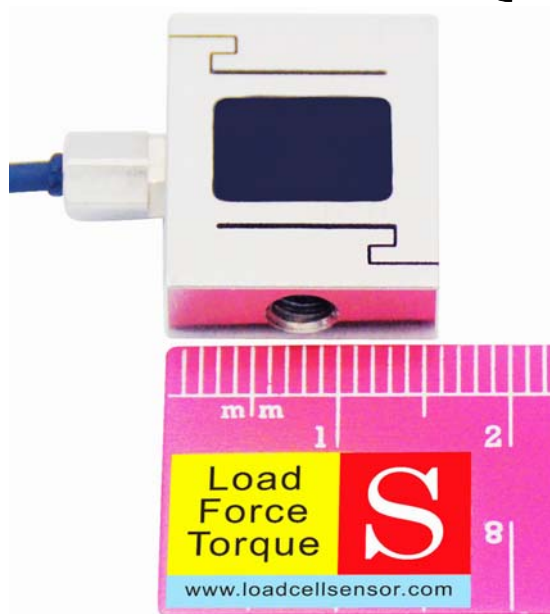
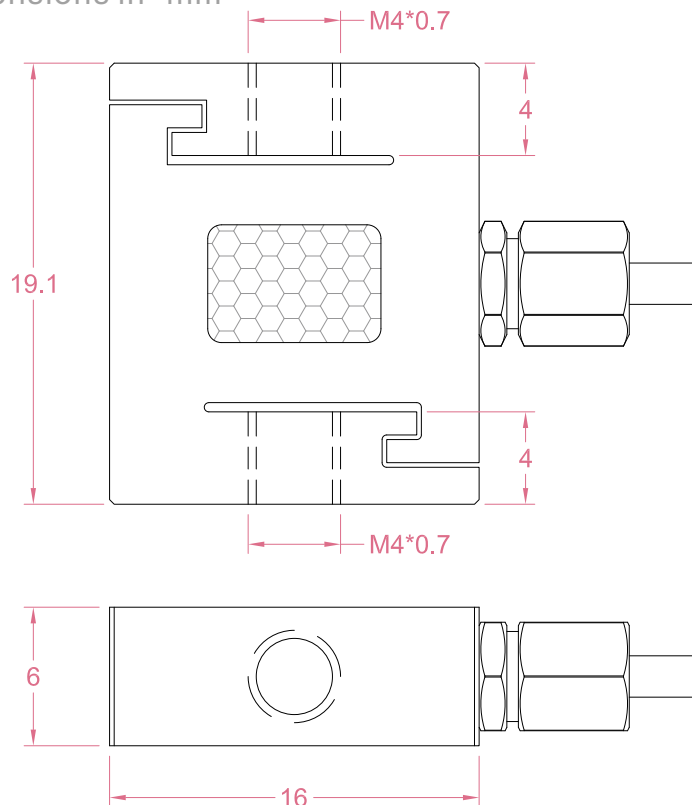


Dimensions in "mm"



| Quantity  | Price    |
|-----------|----------|
| 1-4pcs    | 92usd/pc |
| 5~20pcs   | 85usd/pc |
| 21~50pcs  | 76usd/pc |
| 51~100pcs | 69usd/pc |

## Order example:

1 x LCS03 - 10kg

Quantity

Model

## Capacity

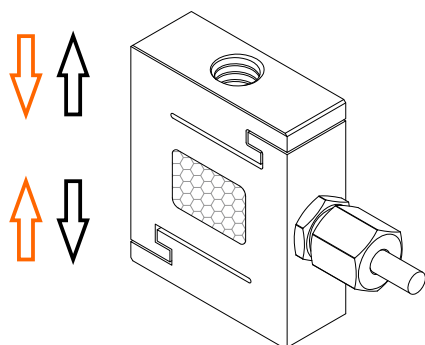
Email to [sales@loadcellsensor.com](mailto:sales@loadcellsensor.com) for a quote

| Specifications   |                                        |                       |                  |
|------------------|----------------------------------------|-----------------------|------------------|
| Rated Capacity   | 5/10/20/30/50 kg                       |                       |                  |
| Rated Output     | 1.65 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     | ±0.1% F.S.                             | Temp. Coeff. of Span  | ±0.02% F.S./°C   |
| Hysteresis       | ±0.1% F.S.                             | Input Resistance      | 500±50 Ohms      |
| Nonrepeatability | ±0.05% F.S.                            | Output Resistance     | 500±10 Ohms      |
| Creep(3min)      | ±0.1% 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            | Ø1.8*2000mm 4-conductor shielded cable |                       |                  |

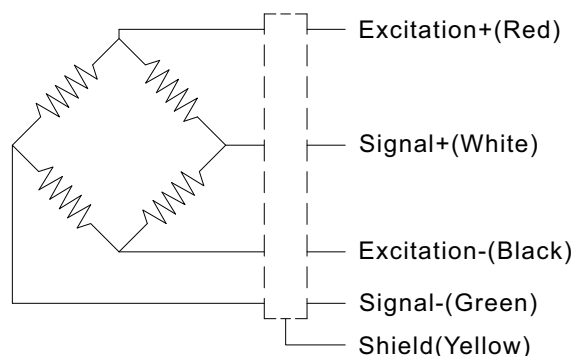
- LCS reserves the right to modify its design and specifications without notice

P:1/2

## Load direction

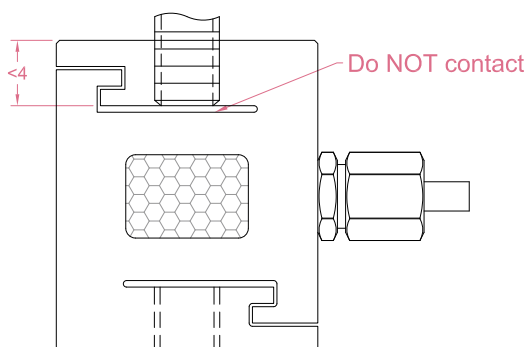


## Wiring Code@Compression



Shield is NOT connected to the sensor body

## Caution



The bolt mounting depth should be less than 4mm to maintain clearance from the “Do NOT contact” surface. This requirement applies to both sides.

## Sensor/Amplifier/Indicator

| Items                                             | Power supply        | Output/Function                                                                                                 |
|---------------------------------------------------|---------------------|-----------------------------------------------------------------------------------------------------------------|
| LCS03                                             | 3-12V<br>(Constant) | -24mV...+24mV<br>(Depending on the power supply)                                                                |
| LCS03<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...                     |
| LCS03<br>+<br>Digital amplifier                   | 12~24V DC           | RS485 or RS232 output                                                                                           |
| LCS03<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 |                     |                                                                                                                 |