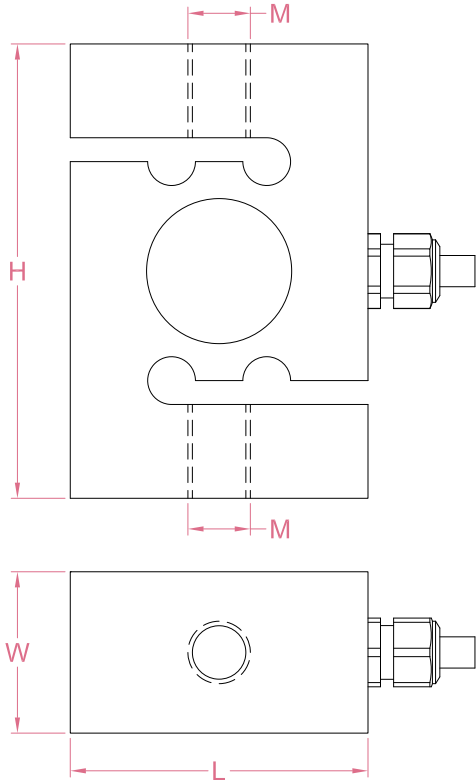


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Dimensions in "mm"



| Capacity  | L    | W    | H     | M        |
|-----------|------|------|-------|----------|
| 50kg      | 50.8 | 25.4 | 63.5  | M8*1.25  |
| 100/200kg | 50.8 | 25.4 | 76.2  | M12*1.75 |
| 500kg/1t  | 57.2 | 31   | 87.3  | M12*1.75 |
| 2t/3t     | 69.8 | 36.5 | 100   | M24*2    |
| 5t        | 76.2 | 36.5 | 114.3 | M24*2    |



Order example:

2 x LCS14 - 1t

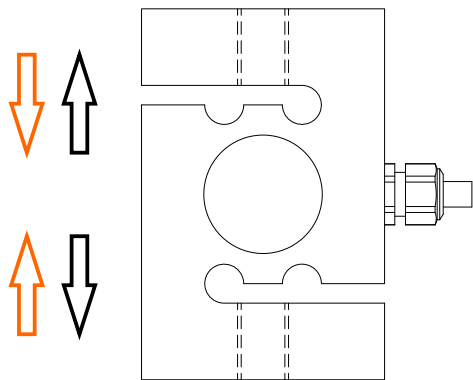
Quantity      Model      Capacity

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

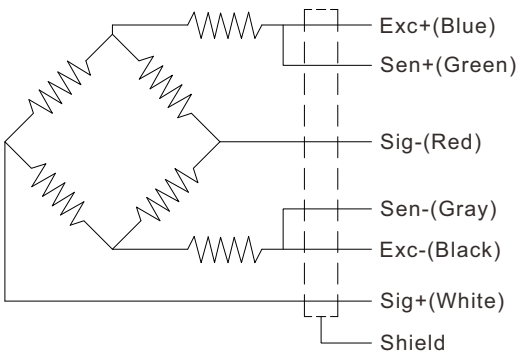
| Specifications   |                                        |                       |                  |
|------------------|----------------------------------------|-----------------------|------------------|
| Rated Capacity   | 50/100/200/500/1000/2000/3000/5000 kg  |                       |                  |
| Rated Output     | 2.0 mV/V                               | Compensated Temp.     | -10...+40°C      |
| Excitation       | 3~15V                                  | Operating Temp.       | -20...+65°C      |
| Zero Balance     | ±0.03 mV/V                             | Temp. Coeff. of Zero  | ±0.002% F.S./°C  |
| Nonlinearity     | ±0.03% F.S.                            | Temp. Coeff. of Span  | ±0.002% F.S./°C  |
| Hysteresis       | ±0.03% F.S.                            | Input Resistance      | 385±50 Ohms      |
| Nonrepeatability | ±0.02% F.S.                            | Output Resistance     | 352±5 Ohms       |
| Creep(5min)      | ±0.02% F.S.                            | Insulation Resistance | >2000M Ohms(50V) |
| Safe Load Limit  | 150% F.S.                              | IP Rating             | IP67             |
| Breaking Load    | 200% F.S.                              | Element Material      | Stainless steel  |
| Cable            | Ø5.4*3000mm 6-conductor shielded cable |                       |                  |

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

Load direction



Wiring Code



Shield is NOT connected to the sensor body

Sensor/Amplifier/Indicator

| Items                                             | Power supply        | Output/Function                                                                                                 |
|---------------------------------------------------|---------------------|-----------------------------------------------------------------------------------------------------------------|
| LCS14                                             | 3-15V<br>(Constant) | -30mV...+30mV<br>(Depending on the power supply)                                                                |
| LCS14<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...                     |
| LCS14<br>+<br>Digital amplifier                   | 12~24V DC           | RS485 or RS232 output                                                                                           |
| LCS14<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 |                     |                                                                                                                 |