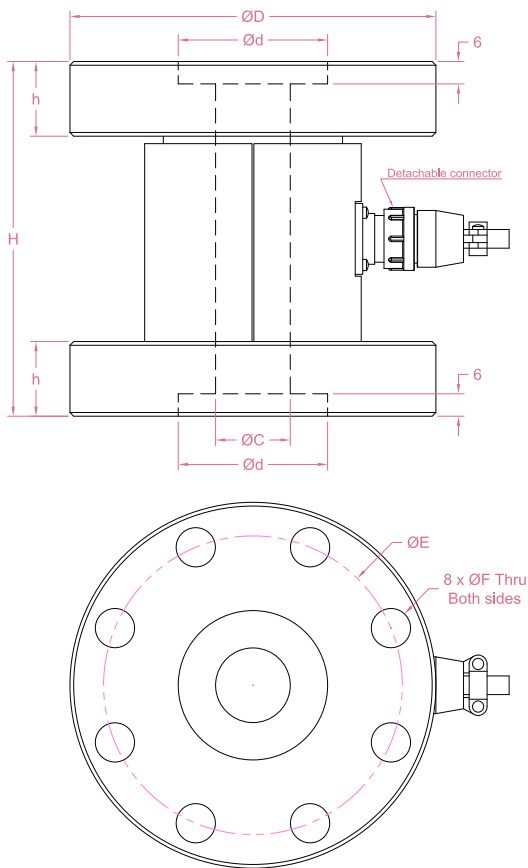


Dimensions in “mm”



| Force     | Torque      | D   | H   | h  | C  | E   | F    | d  |
|-----------|-------------|-----|-----|----|----|-----|------|----|
| 20~100kN  | 200~1000 Nm | 98  | 95  | 20 | 20 | 80  | 10.5 | 40 |
| 200~500kN | 2k/3k/5k Nm | 125 | 95  | 20 | 40 | 105 | 12.5 | 50 |
| 1000kN    | 10k Nm      | 190 | 160 | 30 | 30 | 160 | 19   | 80 |

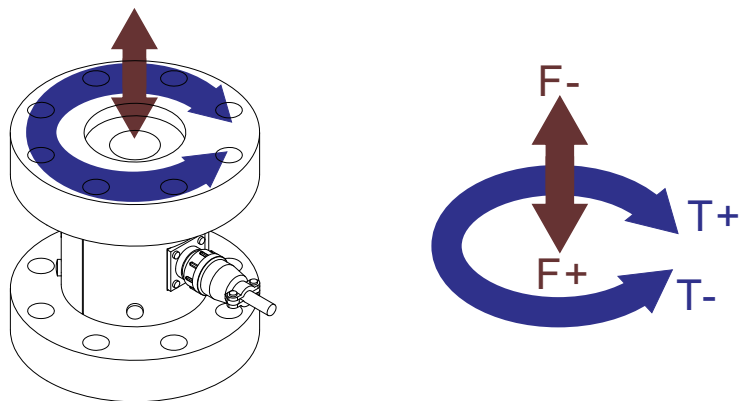


| Ordering part No.: Model - Code                                                                                              |      |                |                 |
|------------------------------------------------------------------------------------------------------------------------------|------|----------------|-----------------|
| Model                                                                                                                        | Code | Force Capacity | Torque Capacity |
| LCM08                                                                                                                        | A    | 20kN           | 200Nm           |
|                                                                                                                              | B    | 50kN           | 500Nm           |
|                                                                                                                              | C    | 100kN          | 1kNm            |
|                                                                                                                              | D    | 200kN          | 2kNm            |
|                                                                                                                              | E    | 300kN          | 3kNm            |
|                                                                                                                              | F    | 500kN          | 5kNm            |
|                                                                                                                              | G    | 1000kN         | 10kNm           |
| Order example:<br>1 x LCM08-B<br>Email to <a href="mailto:sales@loadcellsensor.com">sales@loadcellsensor.com</a> for a quote |      |                |                 |

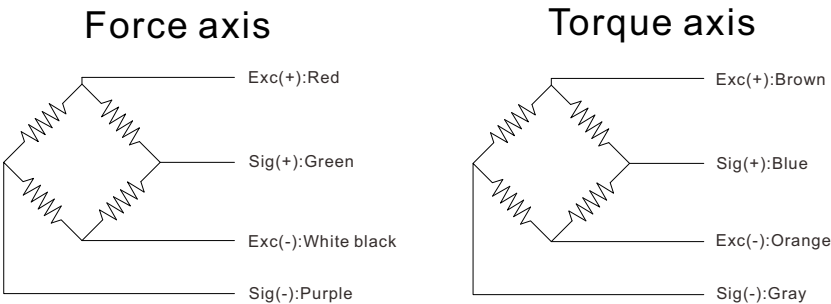
| Specifications   |                                      |                       |                  |
|------------------|--------------------------------------|-----------------------|------------------|
| Rated Capacity   | Refer to ordering part No.           |                       |                  |
| Rated Output     | >0.7 mV/V                            | Compensated Temp.     | 0...+40°C        |
| Excitation       | 3~12V                                | Operating Temp.       | -10...+60°C      |
| Zero Balance     | ±0.05 mV/V                           | Temp. Coeff. of Zero  | ±0.03% F.S./°C   |
| Nonlinearity     | ±0.5% F.S.                           | Temp. Coeff. of Span  | ±0.03% F.S./°C   |
| Hysteresis       | ±0.5% F.S.                           | Input Resistance      | 350/750±100 Ohms |
| Nonrepeatability | ±0.2% F.S.                           | Output Resistance     | 350/700±50 Ohms  |
| Creep(3min)      | ±0.1% F.S.                           | Insulation Resistance | >2000M Ohms(50V) |
| Safe Load Limit  | 150% F.S.                            | IP Rating             | IP50             |
| Breaking Load    | 200% F.S.                            | Element Material      | Alloy steel      |
| Cable            | Ø6*3000mm 8-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                                                                             |
|---------------------------------------|---------------------|---------------------------------------------------------------------------------------------|
| LCM08                                 | 3-12V<br>(Constant) | -24V...+24mV<br>(Depending on the power supply)                                             |
| LCM08<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... |
| LCM08<br>+<br>Digital amplifier       | 12~24V DC           | RS485 or RS232 output                                                                       |
| Email us for data sheet of amplifiers |                     |                                                                                             |