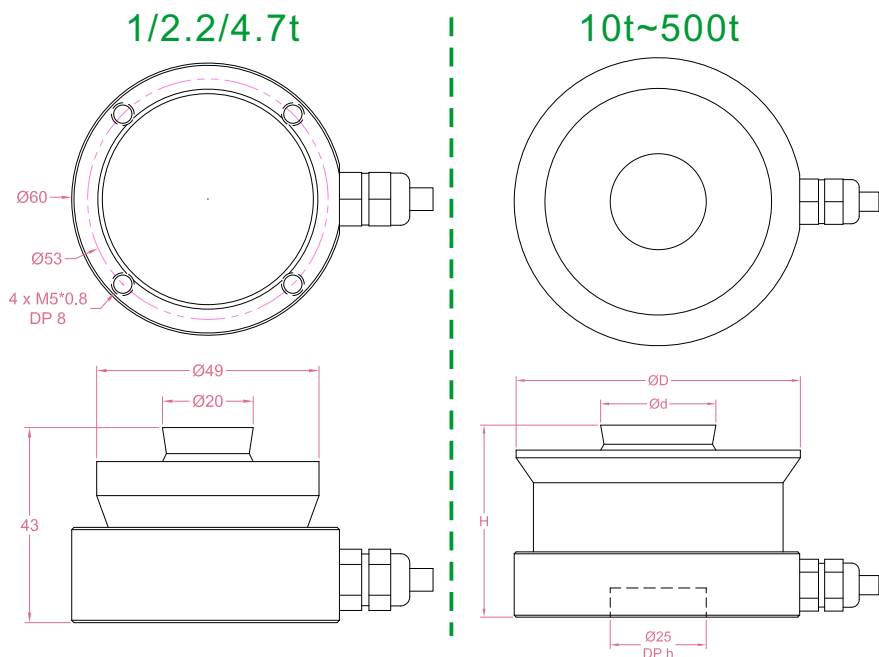


Dimensions in "mm"



| Capacity   | H   | D   | d   | h   | Price     |
|------------|-----|-----|-----|-----|-----------|
| 1/2.2/4.7t | /   | /   | /   | /   | 189usd/pc |
| 10/15/22t  | 50  | 75  | 30  | 7.6 | 220usd/pc |
| 33t        | 65  | 95  | 40  | 7.6 | 325usd/pc |
| 47t        | 75  | 130 | 60  | 7.6 | 490usd/pc |
| 68t        | 85  | 130 | 60  | 7.6 | 520usd/pc |
| 100t       | 90  | 150 | 70  | 7.6 | 799usd/pc |
| 150t       | 100 | 150 | 70  | 7.6 | 865usd/pc |
| 220/330t   | 145 | 225 | 100 | 7.5 | Consult   |
| 500t       | 170 | 270 | 100 | 10  |           |

## Order example:

1 x SRTN - 4.7t

Quantity

Model

Capacity

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

| Specifications   |                                                                   |                       |                  |
|------------------|-------------------------------------------------------------------|-----------------------|------------------|
| Rated Capacity   | 1/2.2/4.7/10/15/22/33/47/68/100/150/220/330/500 ton               |                       |                  |
| Rated Output     | 2.85 mV/V                                                         | Compensated Temp.     | 0...+40°C        |
| Excitation       | 3~15V                                                             | Operating Temp.       | -20...+65°C      |
| Zero Balance     | ±0.05 mV/V                                                        | Temp. Coeff. of Zero  | ±0.05% F.S./10°C |
| Nonlinearity     | 1~47t: ±0.05% F.S.<br>68~220t: ±0.1% F.S.<br>330~500t: ±0.3% F.S. | Temp. Coeff. of Span  | ±0.05% F.S./10°C |
| Hysteresis       | 1~47t: ±0.05% F.S.<br>68~220t: ±0.1% F.S.<br>330~500t: ±0.3% F.S. | Input Resistance      | 4450±200 Ohms    |
| Nonrepeatability | 1~47t: ±0.05% F.S.<br>68~220t: ±0.1% F.S.<br>330~500t: ±0.3% F.S. | Output Resistance     | 4000±10 Ohms     |
| Creep(5min)      | ±0.05% 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*10000mm 4-conductor shielded cable                             |                       |                  |

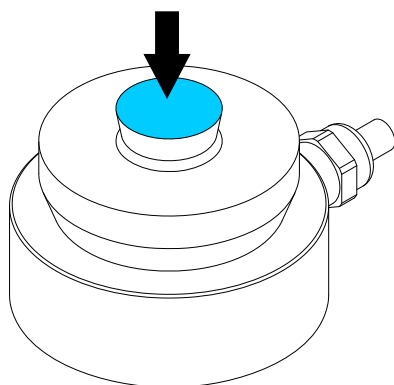
- LCS reserves the right to modify its design and specifications without notice

P:1/2

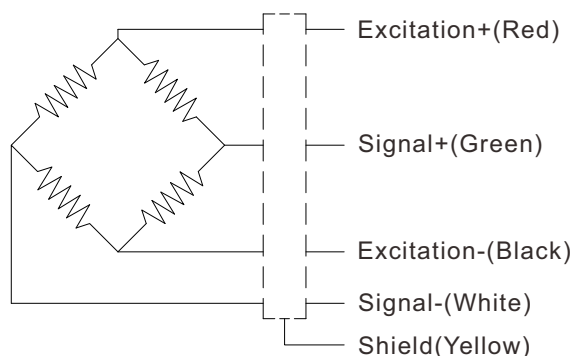
LCS Tech Co., Limited  
Made in China,ship worldwide  
Email: [sales@loadcellsensor.com](mailto:sales@loadcellsensor.com)

Load | Force | Torque  
www.loadcellsensor.com

Load direction



Wiring Code



Shield is NOT connected to the sensor body

## Sensor/Amplifier/Indicator

| Items                                             | Power supply        | Output/Function                                                                                                 |
|---------------------------------------------------|---------------------|-----------------------------------------------------------------------------------------------------------------|
| SRTN                                              | 3-15V<br>(Constant) | 0mV...+43mV<br>(Depending on the power supply)                                                                  |
| SRTN<br>+<br>Analog amplifier                     | 12~24V DC           | 0-3.3V,0-5V,0-10V,<br>0-20mA,4-20mA...                                                                          |
| SRTN<br>+<br>Digital amplifier                    | 12~24V DC           | RS485 or RS232 output                                                                                           |
| SRTN<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 |                     |                                                                                                                 |

## Customization options

|                                             |
|---------------------------------------------|
| Cable<br>(Length/Specifications/Connectors) |
| Dimensions and measuring range              |
| Working Temperature<br>(-40°C...+150°C)     |