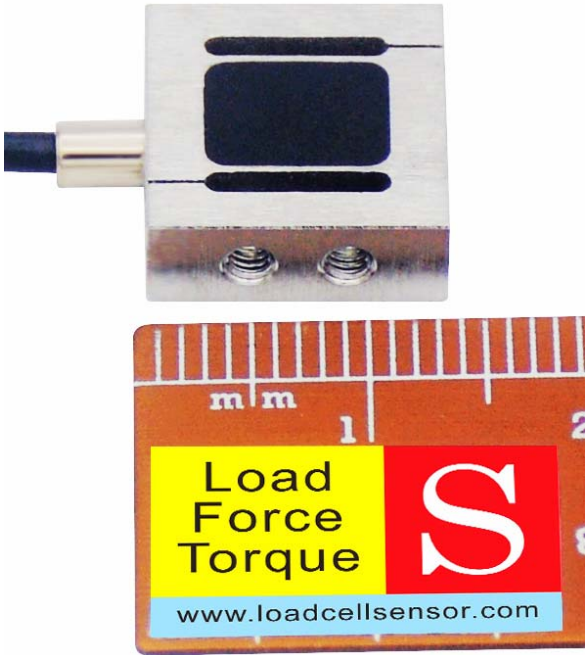
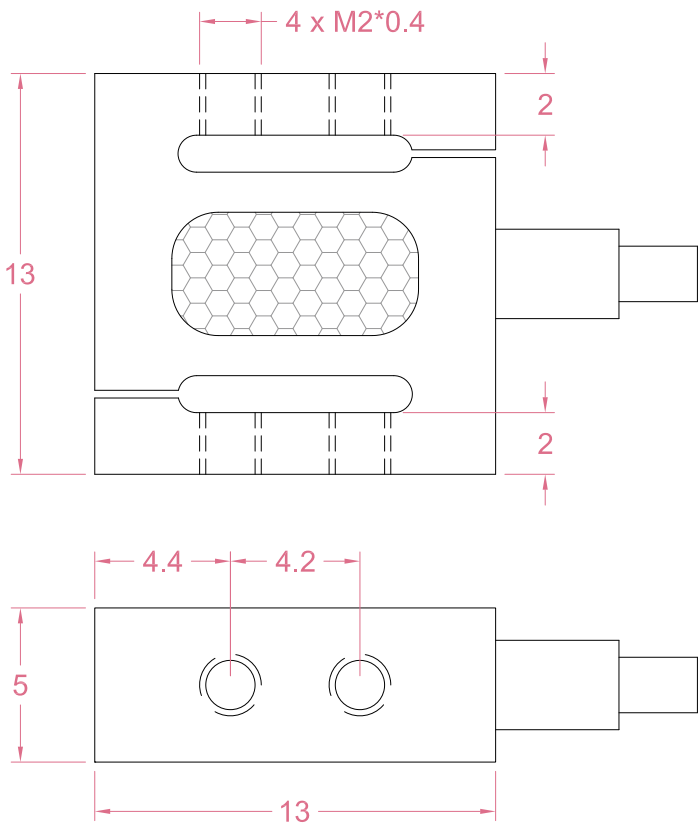


Dimensions in “mm”



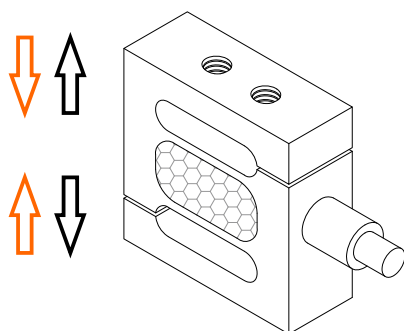
Order example:
2 x LCS1A - 5kg

Quantity Model Capacity
Email to sales@loadcellsensor.com for a quote

Specifications			
Rated Capacity	1/2/5/10/20 kg		
Rated Output	2.0 mV/V	Compensated Temp.	0...+40°C
Excitation	3~10V	Operating Temp.	-20...+60°C
Zero Balance	±0.06 mV/V	Temp. Coeff. of Zero	±0.03% F.S./°C
Nonlinearity	±0.1% F.S.	Temp. Coeff. of Span	±0.03% F.S./°C
Hysteresis	±0.1% F.S.	Input Resistance	380±30 Ohms
Nonrepeatability	±0.05% F.S.	Output Resistance	350±5 Ohms
Creep(5min)	±0.05% 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	Ø1.9*3000mm 4-conductor shielded cable		

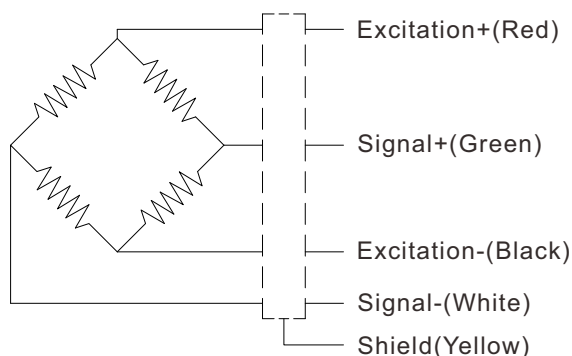
• LCS reserves the right to modify its design and specifications without notice

Load direction



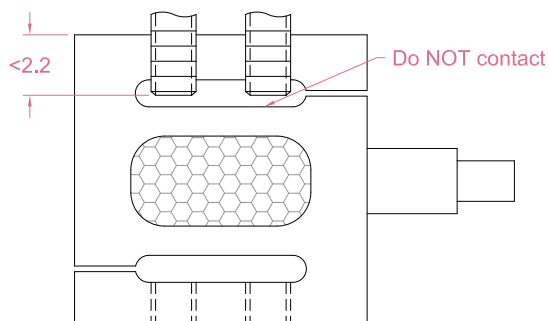
Compression up to 20kg
Tension up to 10kg

Wiring Code@Compression



Shield is NOT connected to the sensor body

Precautions



The mounting depth of the bolt is recommended to be less than 2.2mm to keep distance from the “Do NOT contact” surface. Same for both sides.

Sensor/Amplifier/Indicator

Items	Power supply	Output/Function
LCS1A	3-10V (Constant)	-20mV...+20mV (Depending on the power supply)
LCS1A + Analog amplifier	12~24V DC	0-3.3V,0-5V,0-10V,0-2.5-5V,0-5-10V -3.3-3.3V,-5-5V,-10-10V 0-20mA,4-20mA,4-12-20mA...
LCS1A + Digital amplifier	12~24V DC	RS485 or RS232 output
LCS1A + Indicator	12~24V DC	Display force value Switch/Relay output Peak holding RS485/RS232 interface 0-5V/0-10V/4-20mA output
Email us for datasheet of amplifier and indicator		