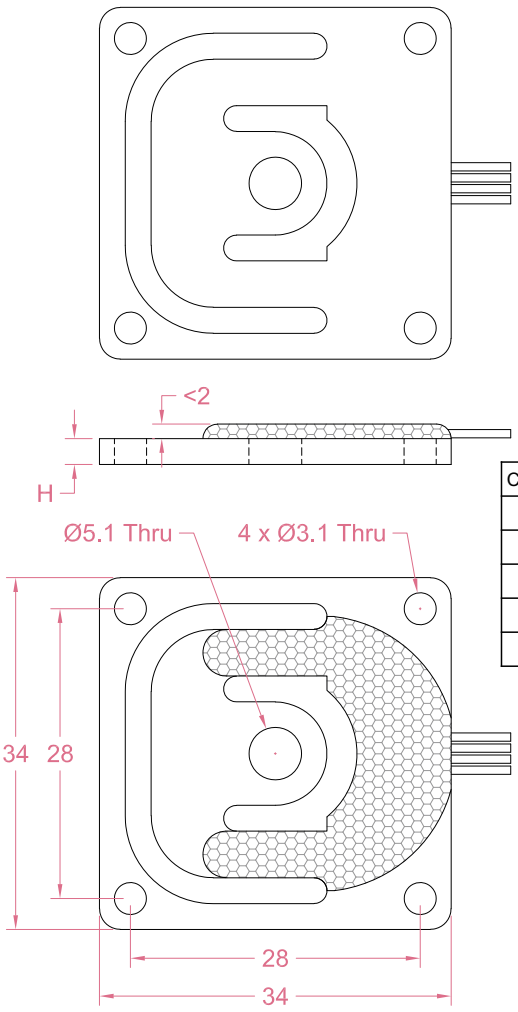
Model:LCA01

Dimensions in “mm”



Capacity	H	Rated output
10kg	1.5	1.0±0.1 mV/V
30kg	2.0	1.6±0.2 mV/V
50kg	2.5	1.7±0.2 mV/V
100kg	3.0	2.3±0.2 mV/V
200kg	4.0	2.0±0.2 mV/V



Order example:

2 x LCA01 - 10kg

Quantity Model Capacity

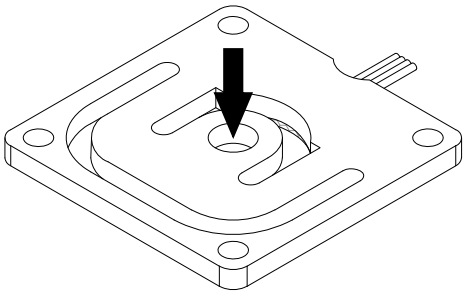
Email to sales@loadcellsensor.com for a quote

Specifications			
Rated Capacity	10/30/50/100/200 kg		
Rated Output	1.0~2.3 mV/V	Compensated Temp.	0...+40°C
Excitation	3~15V	Operating Temp.	-10...+55°C
Zero Balance	±0.3 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	1000±100 Ohms
Nonrepeatability	±0.05% F.S.	Output Resistance	1000±100 Ohms
Creep(3min)	±0.1% F.S.	Insulation Resistance	>2000M Ohms(50V)
Safe Load Limit	120% F.S.	IP Rating	IP62
Breaking Load	150% F.S.	Element Material	Alloy steel
Cable	4 x 30AWG*210mm		

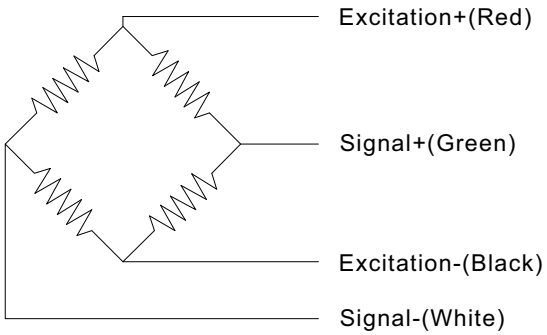
• LCS reserves the right to modify its design and specifications without notice

LCS Tech Co., Limited
Custom is our daily standard
Email: sales@loadcellsensor.com

Load direction



Wiring Code



Sensor/Amplifier/Indicator

Items	Power supply	Output/Function
LCA01	3-15V (Constant)	0mV...+37.5mV (Depending on the power supply and capacity)
LCA01 + Analog amplifier	12~24V DC	0-3.3V,0-5V,0-10V, 0-20mA,4-20mA...
LCA01 + Digital amplifier	12~24V DC	RS485 or RS232 output
LCA01 + 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		

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