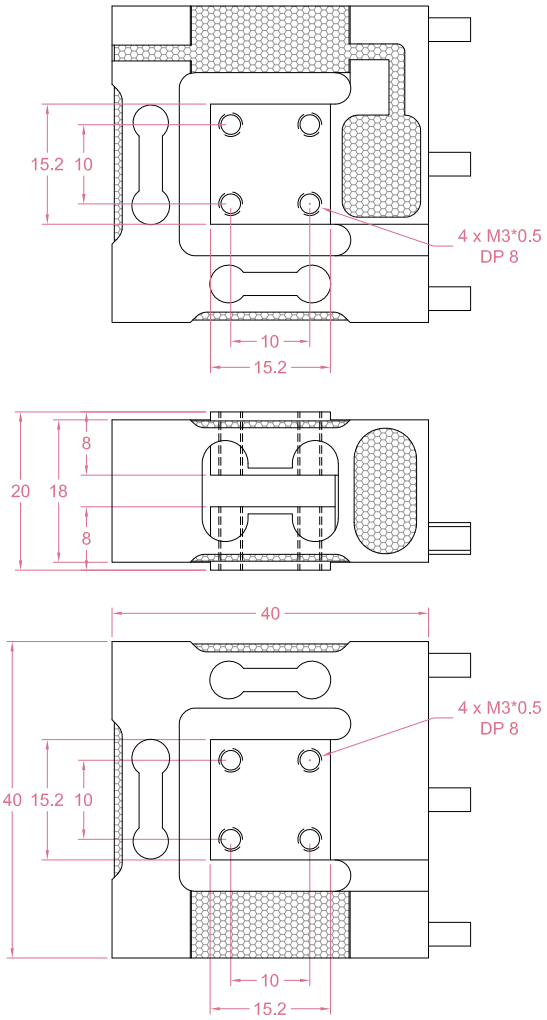
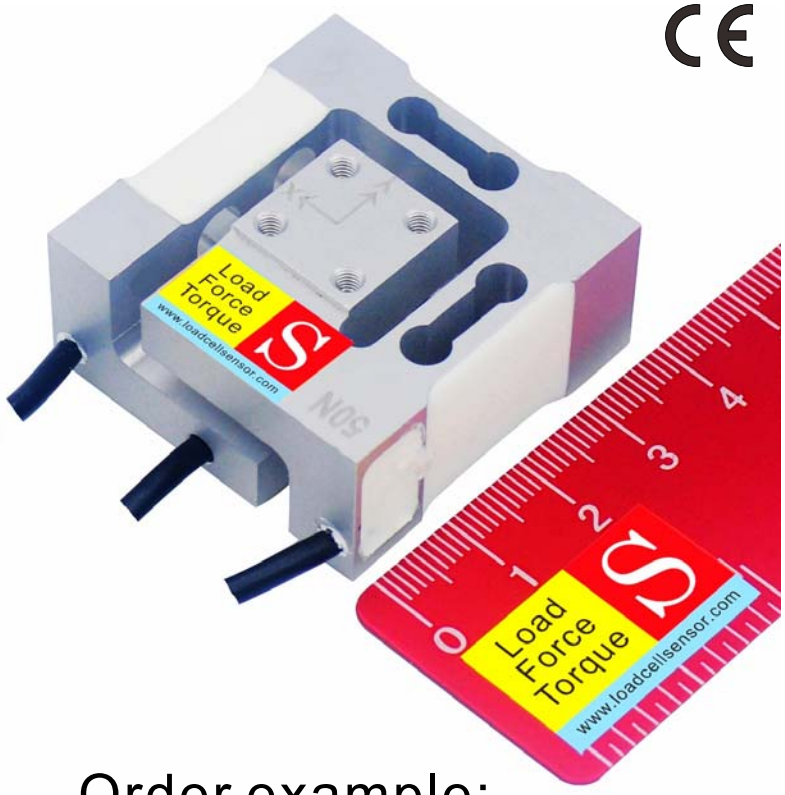
Model:LCM01

Dimensions in “mm”





Order example:

2 x LCM01 - 10N

Quantity — Model — Capacity (Fx=Fy=Fz)

Email to sales@loadcellsensor.com for a quote

Specifications			
Rated Capacity	Fx=Fy=Fz=10/20/50/100N		
Rated Output	1.0 mV/V	Compensated Temp.	0...+40°C
Excitation	3~12V	Operating Temp.	-10...+60°C
Zero Balance	±0.1 mV/V	Temp. Coeff. of Zero	±0.05% F.S./°C
Nonlinearity	±0.2% F.S.	Temp. Coeff. of Span	±0.02% F.S./°C
Hysteresis	±0.2% F.S.	Input Resistance	385±30 Ohms
Nonrepeatability	±0.1% F.S.	Output Resistance	352±5 Ohms
Creep(2min)	±0.2% F.S.	Insulation Resistance	>2000M Ohms(50V)
Safe Load Limit	150% F.S.	IP Rating	IP62
Breaking Load	200% F.S.	Element Material	Aluminum alloy
Cable	3 x Ø3*2000mm 4-conductor shielded cable		

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

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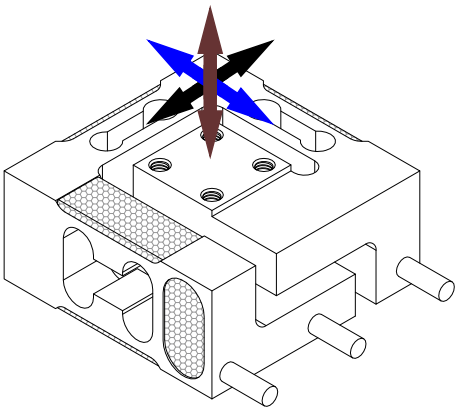
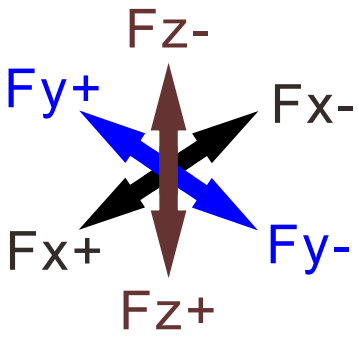
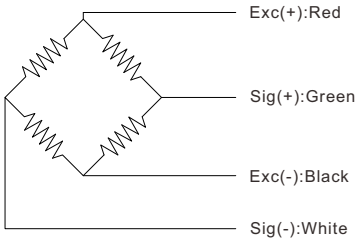
Load direction



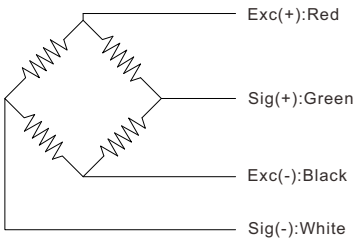


Wiring Code

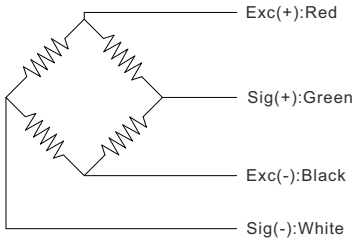
X-axis



Y-axis



Z-axis



Shield is NOT connected to the sensor body

Sensor/Amplifier/Indicator

Items	Power supply	Output/Function
LCM01	3-12V (Constant)	-12mV...+12mV (Depending on the power supply)
LCM01 + 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...
LCM01 + Digital amplifier	12~24V DC	RS485 or RS232 output
Email us for datasheet of amplifiers		

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