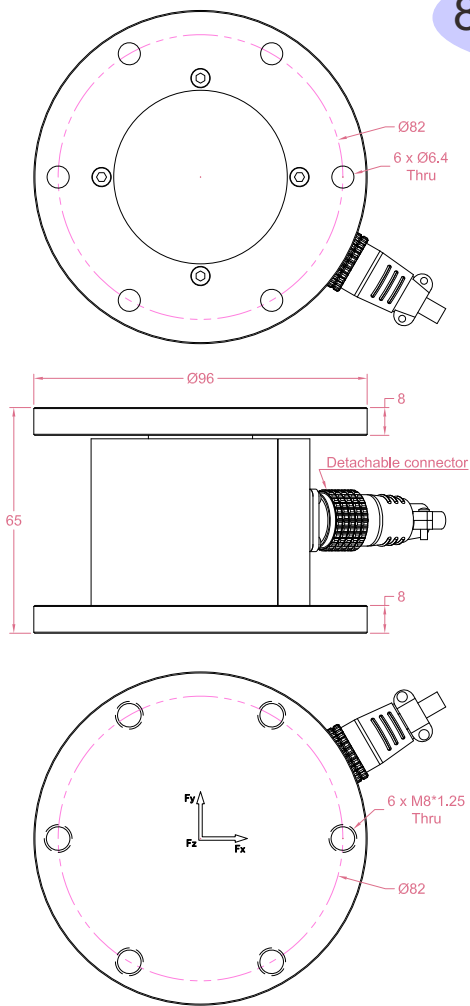




Dimensions in “mm”

899usd/pc



Order example:

1 x LCM07 - H

Quantity Ordering part No.

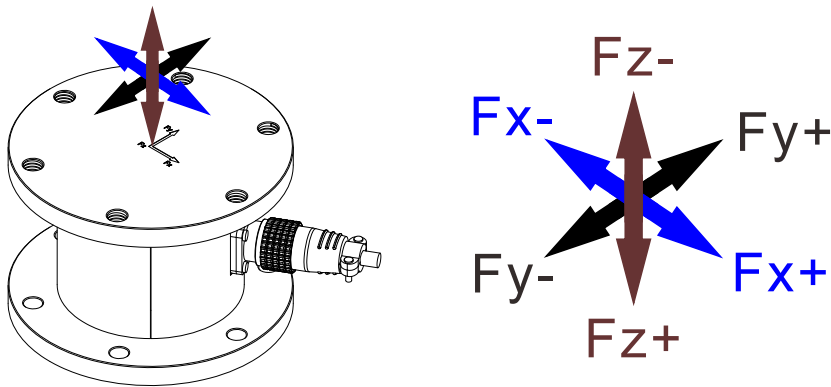
Email to sales@loadcellsensor.com for a quote

Specifications			
Rated Capacity	Refer to ordering part No.		
Rated Output	1.0 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	±0.3% F.S.	Temp. Coeff. of Span	±0.02% F.S./°C
Hysteresis	±0.3% F.S.	Input Resistance	180±50 Ohms
Nonrepeatability	±0.2% F.S.	Output Resistance	350/700±30 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	Stainless steel
Cable	Ø6*3000mm 8-conductor shielded cable		

Ordering part No.: Model - Code			
Model	Code	Capacity	
		Fx=Fy	Fz
LCM07	A	50kg	100kg
	B	100kg	100kg
	C	100kg	200kg
	D	200kg	200kg
	E	200kg	300kg
	F	300kg	300kg
	G	300kg	500kg
	H	500kg	500kg
	I	500kg	1000kg
Example: LCM07-C means: Fx capacity: 100kg Fy capacity: 100kg Fz capacity: 200kg			

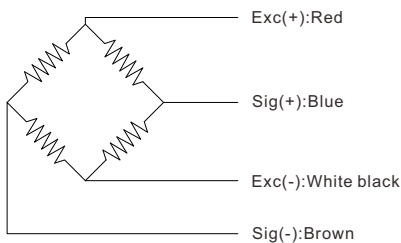
• LCS reserves the right to modify its design and specifications without notice

Load direction

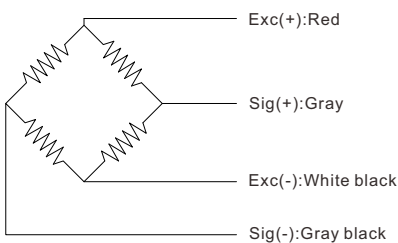


Wiring Code

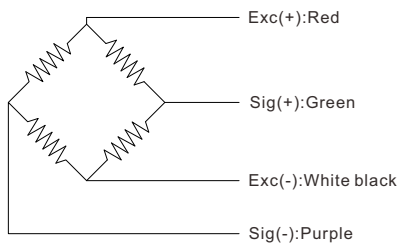
X-axis



Y-axis



Z-axis



Shield is NOT connected to the sensor body

Sensor/Amplifier/Indicator

Items	Power supply	Output/Function
LCM07	3-12V (Constant)	-12mV...+12mV (Depending on the power supply)
LCM07 + 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...
LCM07 + Digital amplifier	12~24V DC	RS485 or RS232 output
Email us for datasheet of amplifiers		