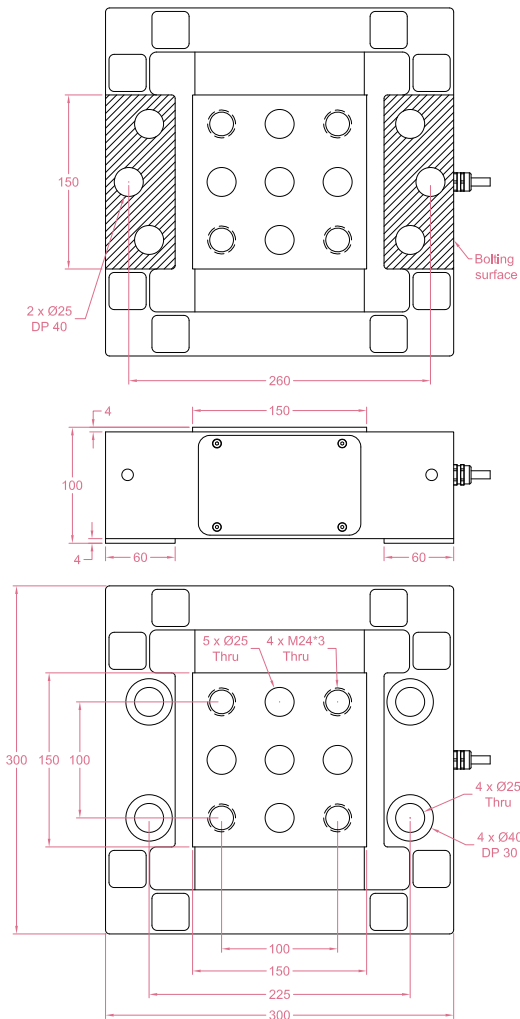


Dimensions in "mm"



Order example:
1 x LCM05 - E

Quantity Ordering part No.

Email to sales@loadcellsensor.com for a quote

Detachable cable option available for flexible integration

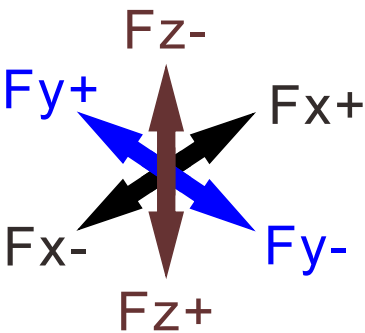
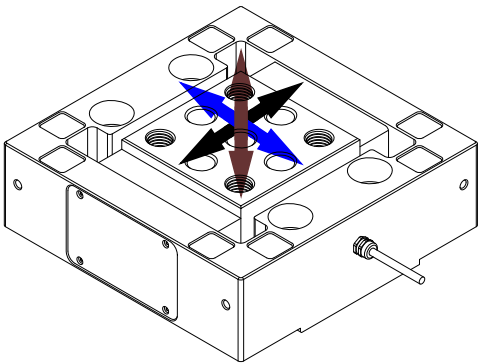
Specifications			
Rated Capacity	Refer to ordering part No.		
Rated Output	1.0 mV/V	Compensated Temp.	0...+40°C
Excitation	3~15V	Operating Temp.	-10...+65°C
Zero Balance	±0.05 mV/V	Temp. Coeff. of Zero	±0.03% F.S./°C
Nonlinearity	±0.3% F.S.	Temp. Coeff. of Span	±0.02% F.S./°C
Hysteresis	±0.5% F.S.	Input Resistance	750±100 Ohms
Nonrepeatability	±0.1% F.S.	Output Resistance	700±100 Ohms
Creep(30min)	±0.5% F.S.	Insulation Resistance	>2000M Ohms(50V)
Safe Load Limit	150% F.S.	IP Rating	IP65
Breaking Load	200% F.S.	Element Material	Alloy steel
Cable	Ø7*3000mm 12-conductor shielded cable		

Ordering part No.: Model - Code			
Model	Code	Capacity	
		Fx=Fy	Fz
LCM05	A	50kN	50kN
	B	50kN	100kN
	C	100kN	100kN
	D	100kN	200kN
	E	200kN	200kN
Example: LCM05-D means: Fx capacity: 100kN Fy capacity: 100kN Fz capacity: 200kN			

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

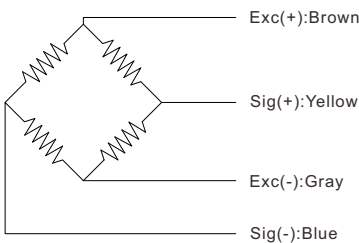
P:1/2

Load direction

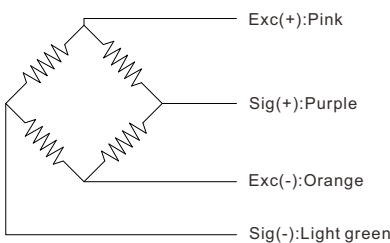


Wiring Code

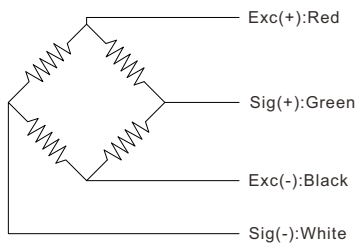
X-axis



Y-axis



Z-axis



Shield is NOT connected to the sensor body

Sensor/Amplifier/Indicator

Items	Power supply	Output/Function
LCM05	3-15V (Constant)	-15mV...+15mV (Depending on the power supply)
LCM05 + 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...
LCM05 + Digital amplifier	12~24V DC	RS485 or RS232 output
Email us for datasheet of amplifiers		