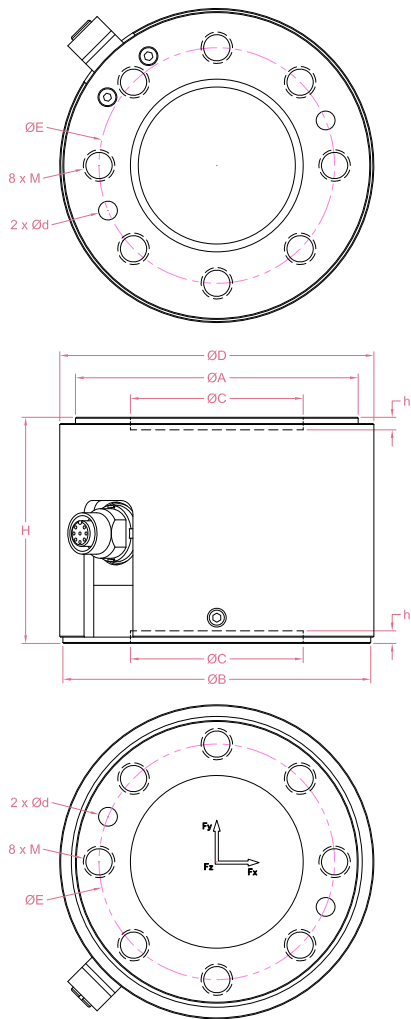


Dimensions in “mm”



Order example:

1 x LCM3D - A

Quantity
Ordering part No.

Email to sales@loadcellsensor.com for a quote

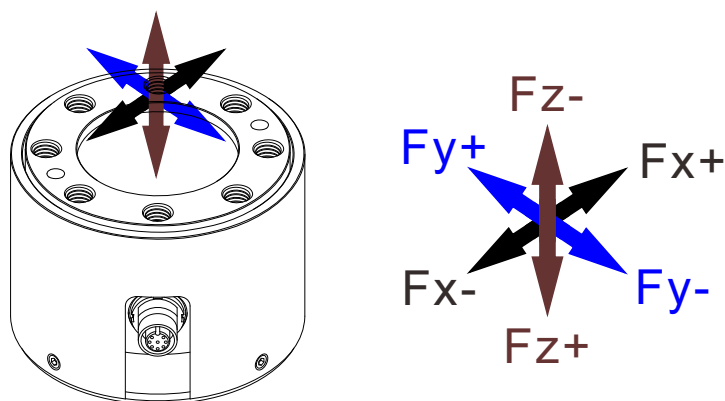
Ordering part No.	Price	D	H	A	B	C	E	M	d	h
LCM3D-A/B/C	1190usd/pc	100	72	90	98	55	75	M10 DP 12	Ø6 DP 10	4
LCM3D-D/E	1490usd/pc	125	90	118	118	70	90	M12 DP 16	Ø8 DP 12	4
LCM3D-F/G	1860usd/pc	155	105	147	147	85	120	M16 DP 20	Ø10 DP 18	4

Specifications			
Rated Capacity	Refer to ordering part No.		
Rated Output	Fx/Fy:1.2~1.7 mV/V Fz: 0.6~1.0 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	±0.02% F.S./°C
Nonlinearity	±0.3% F.S.	Temp. Coeff. of Span	±0.02% F.S./°C
Hysteresis	±0.3% F.S.	Input Resistance	145±20 Ohms
Nonrepeatability	±0.1% F.S.	Output Resistance	Fx/Fy:350±30 Ohms Fz: 700±50 Ohms
Creep(3min)	±0.1% F.S.	Insulation Resistance	>2000M Ohms(50V)
Safe Load Limit	150% F.S.	IP Rating	Standard: IP50 Optional: IP65
Breaking Load	200% F.S.	Element Material	Stainless steel
Cable	Ø6*5000mm 8-conductor shielded cable		

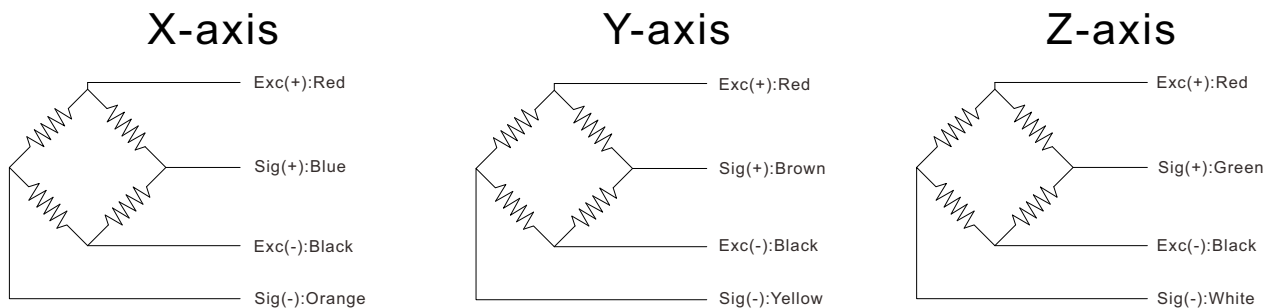
Ordering part No.: Model - Code			
Model	Code	Capacity	
		Fx=Fy	Fz
LCM3D	A	5kN	15kN
	B	10kN	30kN
	C	20kN	60kN
	D	30kN	90kN
	E	40kN	120kN
	F	50kN	150kN
	G	100kN	300kN
Example: LCM3D-B means: Fx capacity: 10kN Fy capacity: 10kN Fz capacity: 30kN			

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

Load direction



Wiring Code



Shield is NOT connected to the sensor body

Sensor/Amplifier/Indicator

Items	Power supply	Output/Function
LCM3D	3-12V (Constant)	-22mV...+22mV (Depending on the power supply)
LCM3D + 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...
LCM3D + Digital amplifier	12~24V DC	RS485 or RS232 output
Email us for datasheet of amplifiers		