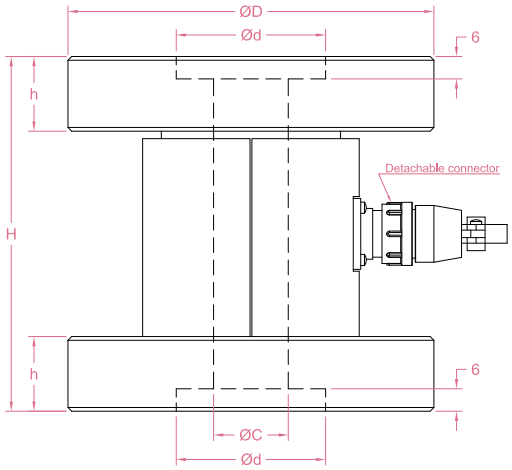
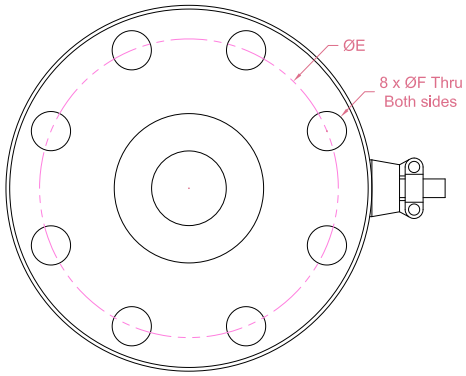
Model:LCM08

Dimensions in “mm”





Force	Torque	D	H	h	C	E	F	d
20~100kN	200~1000 Nm	98	95	20	20	80	10.5	40
200~500kN	2k/3k/5k Nm	125	95	20	40	105	12.5	50
1000kN	10k Nm	190	160	30	30	160	19	80

Ordering part No.: Model - Code			
Model	Code	Force Capacity	Torque Capacity
LCM08	A	20kN	200Nm
	B	50kN	500Nm
	C	100kN	1kNm
	D	200kN	2kNm
	E	300kN	3kNm
	F	500kN	5kNm
	G	1000kN	10kNm
Order example: 1 x LCM08-B Email to sales@loadcellsensor.com for a quote			

Specifications			
Rated Capacity	Refer to ordering part No.		
Rated Output	>0.7 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	±0.5% F.S.	Temp. Coeff. of Span	±0.03% F.S./°C
Hysteresis	±0.5% F.S.	Input Resistance	350/750±100 Ohms
Nonrepeatability	±0.2% F.S.	Output Resistance	350/700±50 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	Alloy steel
Cable	Ø6*3000mm 8-conductor shielded cable		

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

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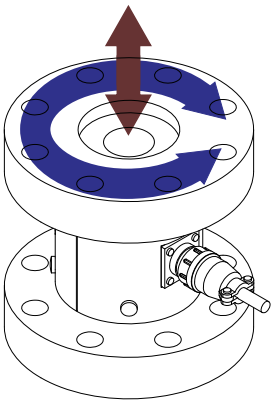
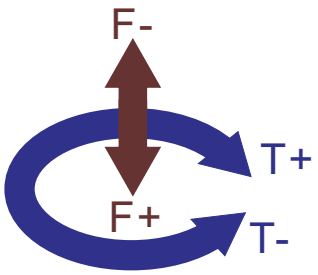
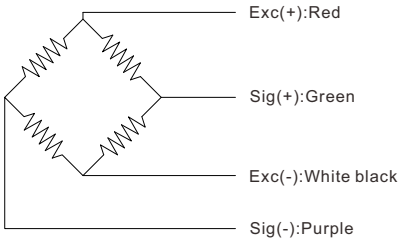
Load direction



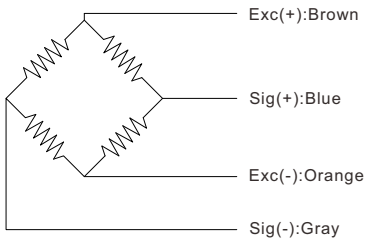


Wiring Code

Force axis



Torque axis



Shield is NOT connected to the sensor body

Sensor/Amplifier/Indicator

Items	Power supply	Output/Function
LCM08	3-12V (Constant)	-24V...+24mV (Depending on the power supply)
LCM08 + 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...
LCM08 + Digital amplifier	12~24V DC	RS485 or RS232 output
Email us for data sheet of amplifiers		

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