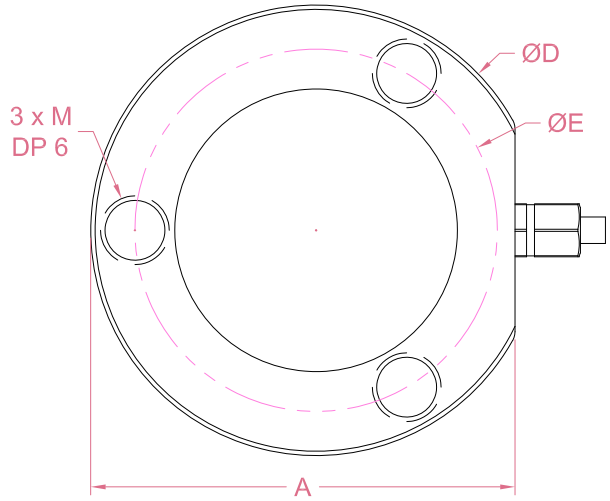
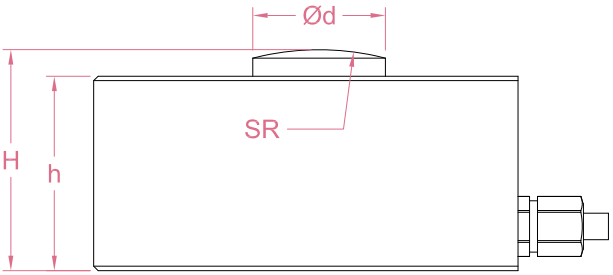
Model:LCB09

Dimensions in “mm”





Capacity	H	h	D	A	d	SR	E	M
100kg~1000kg	16	14	32	30	8	16	25.4	M5*0.8
2/3/5 ton	16	14	38	36	11	20	30	M6*1
7.5/10 ton	25	22	51	48	15	30	41	M8*1.25

Order example:

2 x LCB09 - 500kg

Quantity Model Capacity

Email to sales@loadcellsensor.com for a quote

Specifications			
Rated Capacity	100/200/500 kg 1/2/3/5/7.5/10 ton		
Rated Output	1.5 mV/V	Compensated Temp.	0...+40°C
Excitation	3~15V	Operating Temp.	-20...+60°C
Zero Balance	±0.05 mV/V	Temp. Coeff. of Zero	±0.02% F.S./°C
Nonlinearity	±0.5% F.S.	Temp. Coeff. of Span	±0.02% F.S./°C
Hysteresis	±0.5% F.S.	Input Resistance	380/750±100 Ohms
Nonrepeatability	±0.2% F.S.	Output Resistance	350/700±20 Ohms
Creep(5min)	±0.1% F.S.	Insulation Resistance	>2000M Ohms(50V)
Safe Load Limit	150% F.S.	IP Rating	IP65
Breaking Load	200% F.S.	Element Material	Stainless steel
Cable	Ø3*3000mm 4-conductor shielded cable		

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

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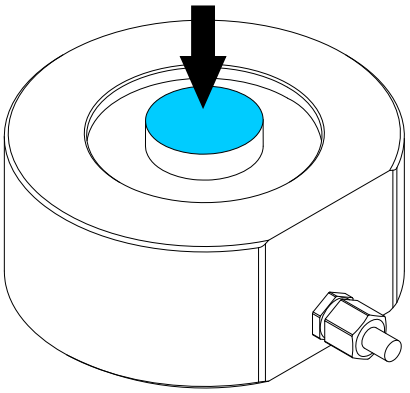
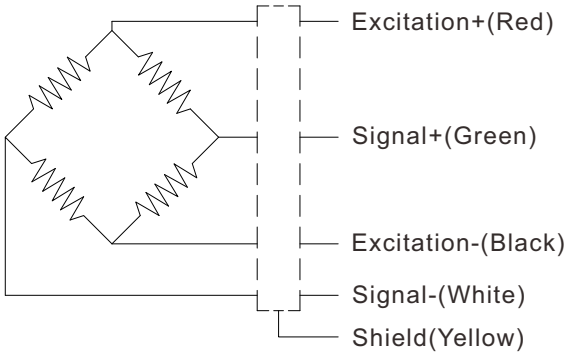
Load direction



Wiring Code



Shield is NOT connected to the sensor body

Sensor/Amplifier/Indicator

Items	Power supply	Output/Function
LCB09	3-15V (Constant)	0mV...+22.5mV (Depending on the power supply)
LCB09 + Analog amplifier	12~24V DC	0-3.3V,0-5V,0-10V, 0-20mA,4-20mA...
LCB09 + Digital amplifier	12~24V DC	RS485 or RS232 output
LCB09 + Indicator	12~24V DC	Display force value Switch/Relay output Peak holding RS485/RS232 interface 0-5V/0-10V/4-20mA output
Email us for datasheet of amplifier and indicator		

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