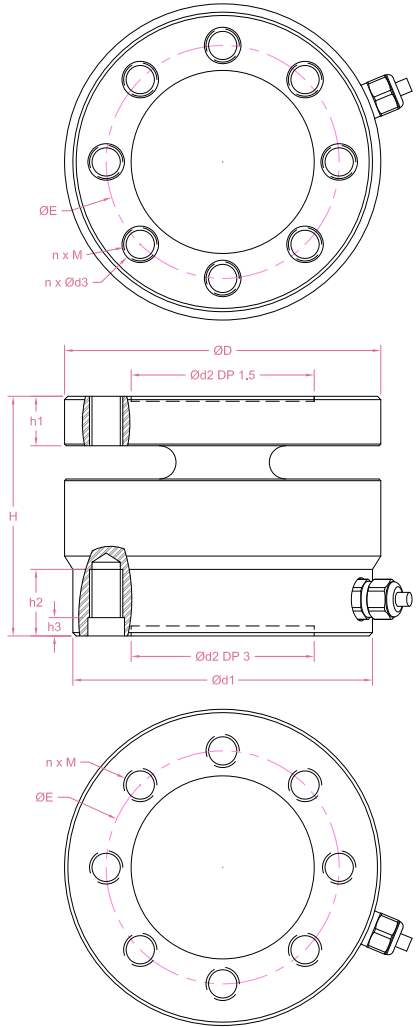




Dimensions in "mm"



Capacity	D	H	h1	h2	h3	d1	d2	d3	E	n	M
0.5~10kN	54	47	8.5	13	5	50	34	5.5	42	4	M5*0.8
20~100kN	95	72	15	20	5.5	90	55	11	70	8	M10*1.5

Order example:

2 x LCF09 - 10kN

Quantity Model Capacity

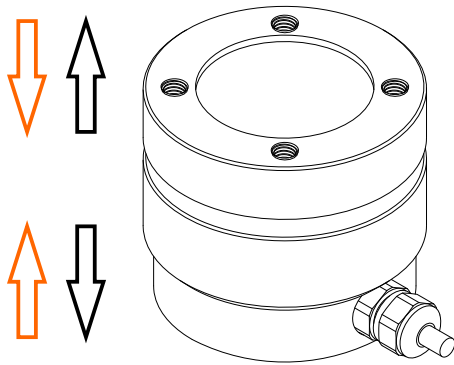
Email to sales@loadcellsensor.com for a quote

Specifications			
Rated Capacity	0.5/1/2/5/10/20/30/50/100 kN		
Rated Output	1.5 mV/V	Compensated Temp.	0...+40°C
Excitation	3~15V	Operating Temp.	-20...+60°C
Zero Balance	±0.1 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	750±100 Ohms
Nonrepeatability	±0.1% F.S.	Output Resistance	750±100 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	Ø4*3000mm 4-conductor shielded cable		

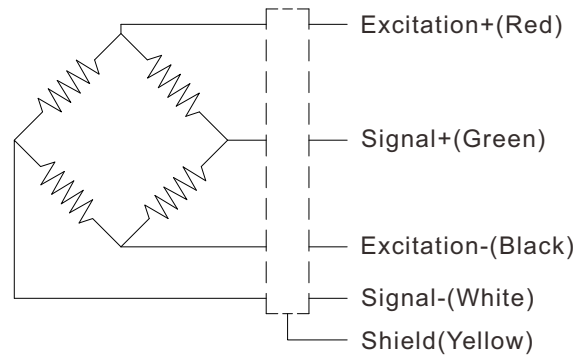
• LCS reserves the right to modify its design and specifications without notice



Load direction



Wiring Code@Compression



Shield is NOT connected to the sensor body

Sensor/Amplifier/Indicator

Items	Power supply	Output/Function
LCF09	3-15V (Constant)	-22.5mV...+22.5mV (Depending on the power supply)
LCF09 + Analog amplifier	12~24V DC	0-3.3V,0-5V,0-10V, -5-5V,-10-10V,0-5-10V 0-20mA,4-20mA,4-12-20mA...
LCF09 + Digital amplifier	12~24V DC	RS485 or RS232 output
LCF09 + 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](#)

Customization options

Cable (Length/Specifications/Connectors)
Dimensions and measuring range
Working Temperature (-30°C...+120°C)