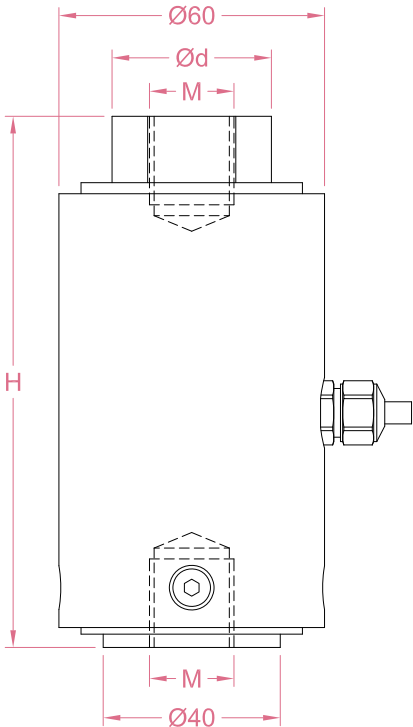
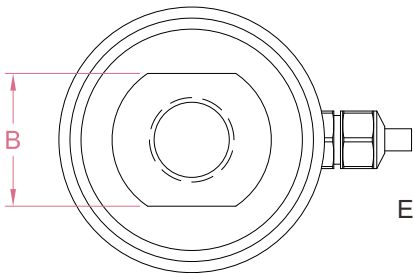


Dimensions in “mm”



Capacity	H	d	B	M
50N~5kN	80	20	17	M10*1.5 DP 12
10kN~50kN	120	36	30	M20*1.5 DP 20



Order example:

2 x LCR17 - 5kN

Quantity Model Capacity

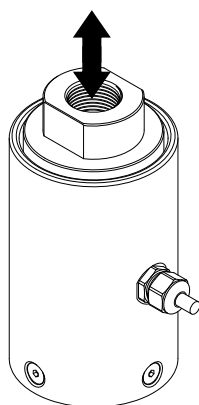
Email to sales@loadcellsensor.com for a quote



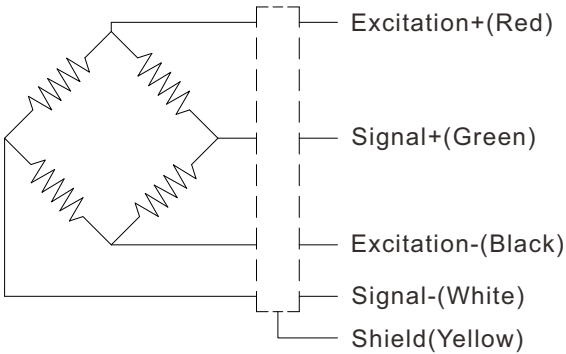
Specifications			
Rated Capacity	50/100/200/500/1k/2k/5k/10k/20k/30k/50k N		
Rated Output	2.0 mV/V	Compensated Temp.	0...+40°C
Excitation	3~15V	Operating Temp.	-20...+60°C
Zero Balance	±0.05 mV/V	Temp. Coeff. of Zero	±0.005% F.S./°C
Nonlinearity	±0.05% F.S.	Temp. Coeff. of Span	±0.005% F.S./°C
Hysteresis	±0.05% F.S.	Input Resistance	385±30 Ohms
Nonrepeatability	±0.03% F.S.	Output Resistance	350±10 Ohms
Creep(5min)	±0.03% F.S.	Insulation Resistance	>2000M Ohms(50V)
Safe Load Limit	150% F.S.	IP Rating	IP62
Breaking Load	200% F.S.	Element Material	50N~5kN: Aluminum 10k~50kN: Alloy steel
Cable	Ø5*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
LCR17	3-15V (Constant)	-30mV...+30mV (Depending on the power supply)
LCR17 + 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...
LCR17 + Digital amplifier	12~24V DC	RS485 or RS232 output
LCR17 + 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