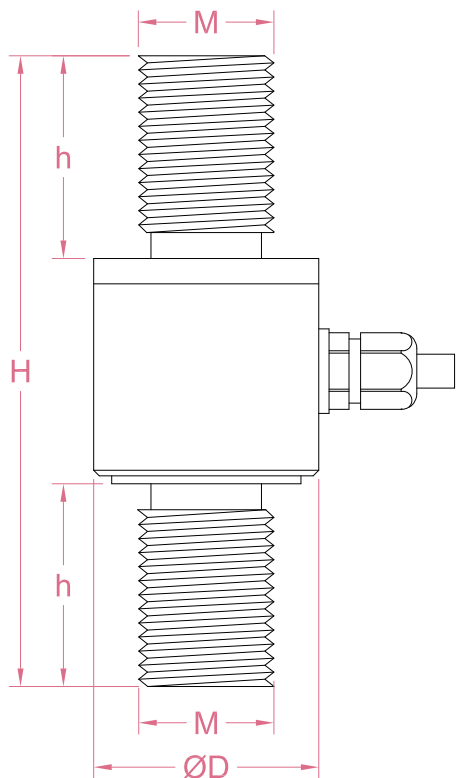


Dimensions in “mm”



Capacity	D	H	h	M
10/20kN	20	56	18	M12*1.5
30kN	28	70	22	M16*2
50/100kN	36	98	32	M24*2
200kN	52	145	45	M36*3
300/500kN	82	260	85	M64*3
1000kN	120	320	110	M100*3



Order example:

2 x LCR10 - 20kN

Quantity Model Capacity

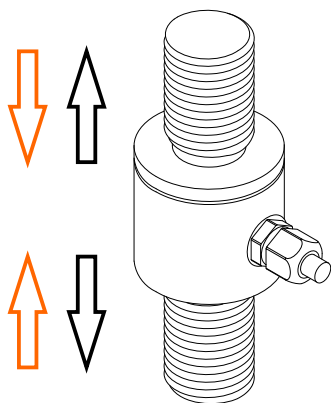
Email to sales@loadcellsensor.com for a quote

Specifications			
Rated Capacity	10/20/30/50/100/200/300/500/1000 kN		
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	±0.3% F.S.	Temp. Coeff. of Span	±0.02% F.S./°C
Hysteresis	±0.3% F.S.	Input Resistance	750/385±100 Ohms
Nonrepeatability	±0.1% F.S.	Output Resistance	750/350±50 Ohms
Creep(5min)	±0.1% F.S.	Insulation Resistance	>2000M Ohms(50V)
Safe Load Limit	150% F.S.	IP Rating	IP62
Breaking Load	200% F.S.	Element Material	Stainless steel
Cable	≤100kN: Ø3*3000mm 4-conductor shielded cable ≥200kN: Ø5*3000mm 4-conductor shielded cable		

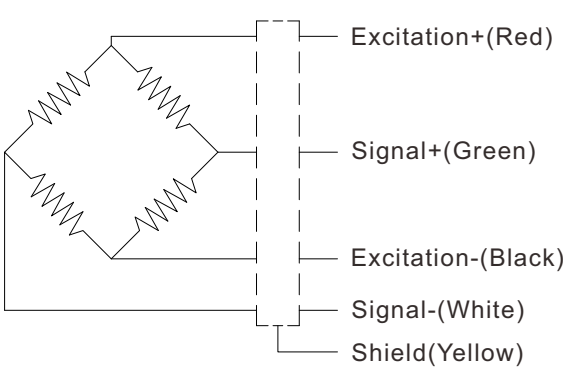
• LCS reserves the right to modify its design and specifications without notice

P:1/2

Load direction



Wiring Code@Compression



Shield is NOT connected to the sensor body

Sensor/Amplifier/Indicator

Items	Power supply	Output/Function
LCR10	3-15V (Constant)	-22.5mV...+22.5mV (Depending on the power supply)
LCR10 + 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...
LCR10 + Digital amplifier	12~24V DC	RS485 or RS232 output
LCR10 + 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 (-40°C...+150°C)
IP Rating (Up to IP68)