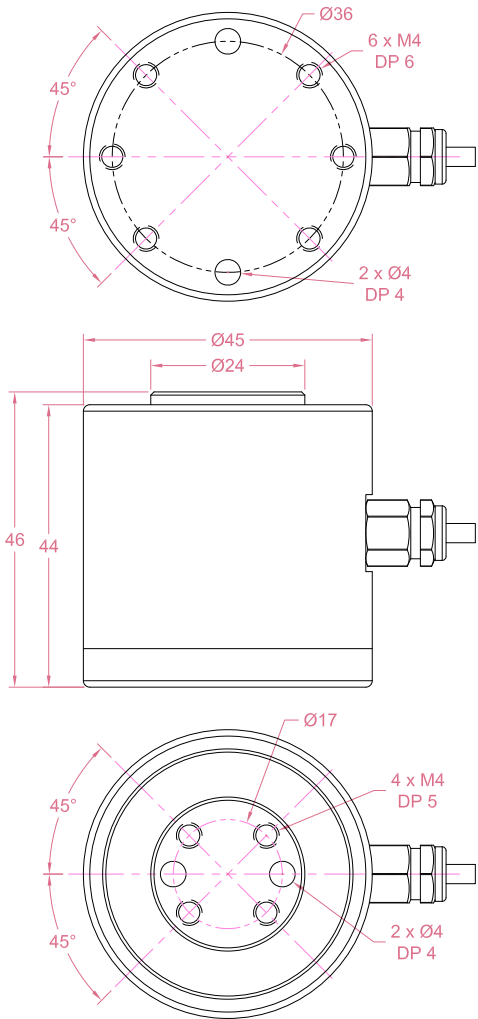


Dimensions in “mm”



699usd/pc

Order example:

1 x LCM2W - 50kg

Quantity

Model

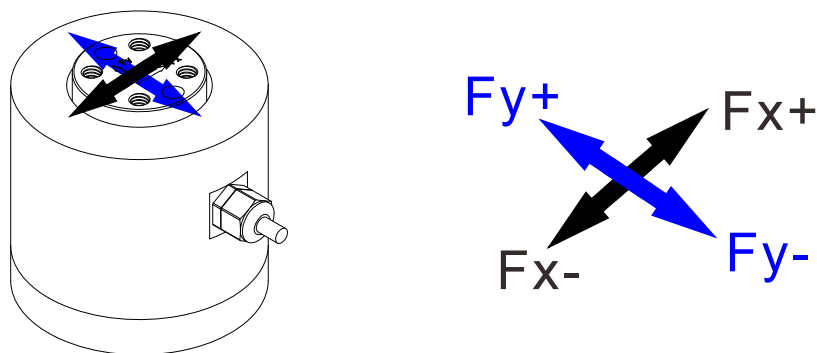
Capacity (F_x=F_y)

Email to sales@loadcellsensor.com for a quote

Specifications			
Rated Capacity	F _x =F _y =30/50/100 kg		
Rated Output	1.0 mV/V	Compensated Temp.	0...+40°C
Excitation	3~12V	Operating Temp.	-20...+60°C
Zero Balance	±0.1 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	700±100 Ohms
Nonrepeatability	±0.2% F.S.	Output Resistance	700±50 Ohms
Creep(3min)	±0.2% F.S.	Insulation Resistance	>2000M Ohms(50V)
Safe Load Limit	150% F.S.	IP Rating	IP68
Breaking Load	200% F.S.	Element Material	Stainless steel
Cable	Ø3*5000mm 8-conductor shielded cable		

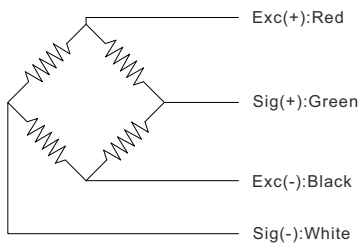
• LCS reserves the right to modify its design and specifications without notice

Load direction

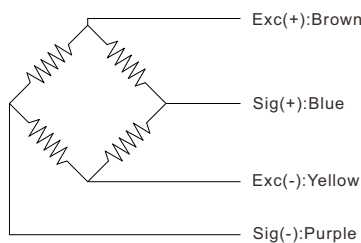


Wiring Code

X-axis



Y-axis



Shield is NOT connected to the sensor body

Sensor/Amplifier/Indicator

Items	Power supply	Output/Function
LCM2W	3-12V (Constant)	-12mV...+12mV (Depending on the power supply)
LCM2W + 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...
LCM2W + Digital amplifier	12~24V DC	RS485 or RS232 output
Email us for data sheet of amplifiers		