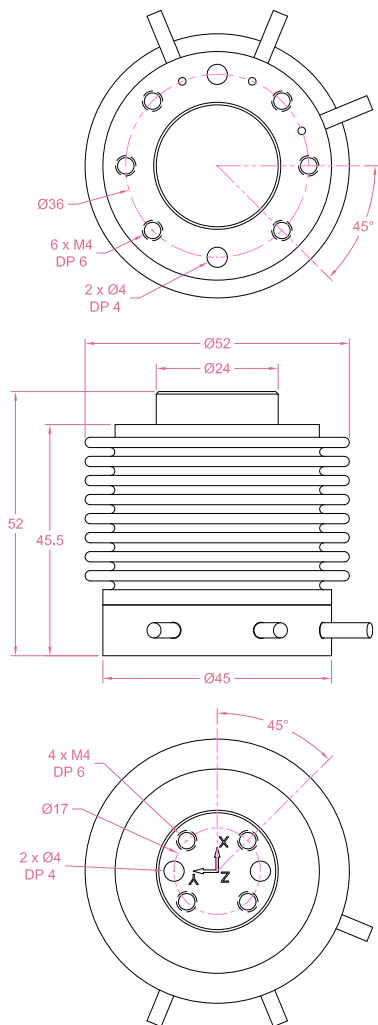


Dimensions in “mm”



Order example:
1 x LCM3A - 20kg

Quantity

Model

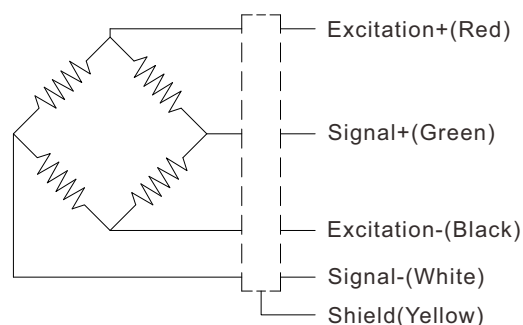
Capacity
(Fx=Fy=Fz)

Email to sales@loadcellsensor.com for a quote

Specifications			
Rated Capacity	Fx=Fy=Fz=5/10/20/50 kg		
Rated Output	1.0 mV/V	Compensated Temp.	0...+40°C
Excitation	3~12V	Operating Temp.	-20...+60°C
Zero Balance	±0.3 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	Fx/Fy: 380±30 Ohms Fz: 750±100 Ohms
Nonrepeatability	±0.2% F.S.	Output Resistance	Fx/Fy: 350±30 Ohms Fz: 700±50 Ohms
Creep(3min)	Fz: ±0.3% F.S. Fx/Fy: ±0.1% F.S.	Insulation Resistance	>2000M Ohms(50V)
Safe Load Limit	150% F.S.	IP Rating	IP67
Breaking Load	200% F.S.	Element Material	Stainless steel
Cable	3 x Ø3*4000mm 4-conductor shielded cable		

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

P:1/2



Shield is NOT connected to the sensor body

Items	Power supply	Output/Function
LCM3A	3-12V (Constant)	-12mV...+12mV (Depending on the power supply)
LCM3A + 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...
LCM3A + Digital amplifier	12~24V DC	RS485 or RS232 output
Email us for datasheet of amplifiers		