



MLC5040F2 Column Type 2-axis Force Sensor FxFy

Model: MLC5040f2

Category: Multi-Axis Force Sensor

X-axis Fx: 5-50kg

Y-axis Fy: 5-50kg

Dimensions: Ø40*50mm

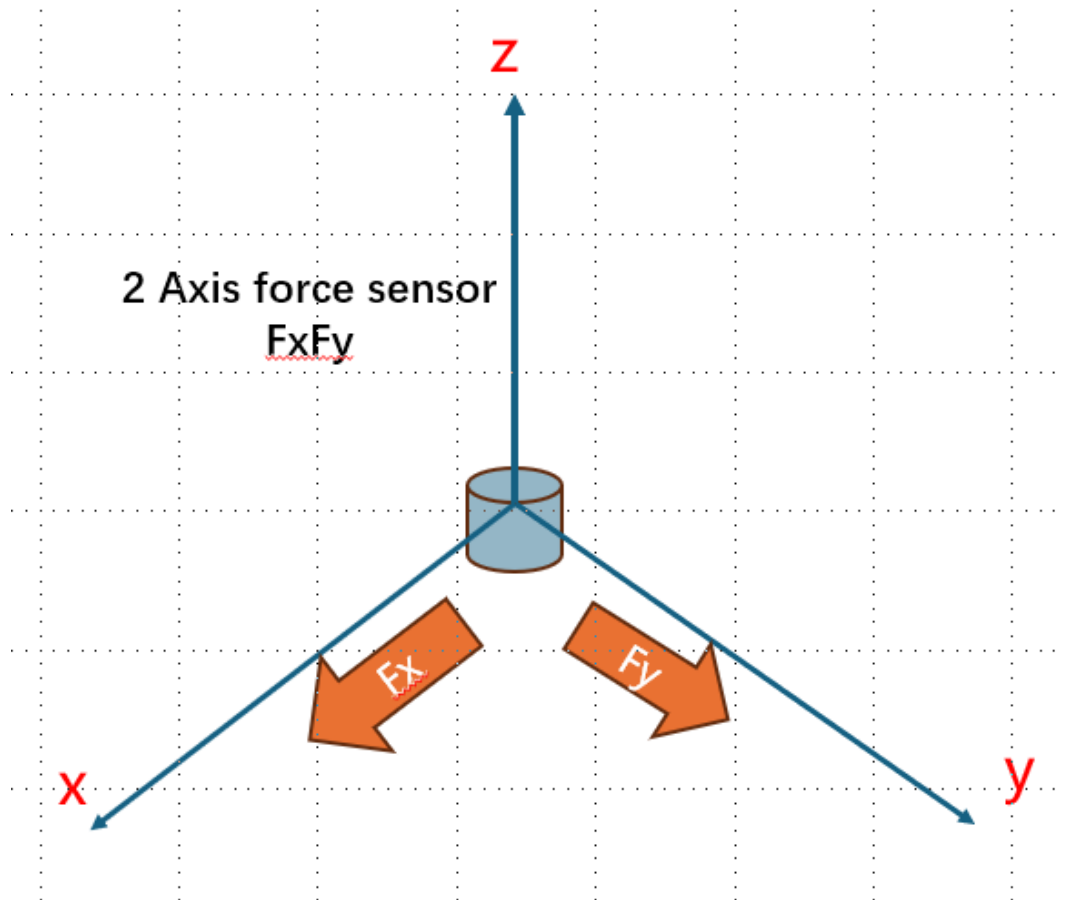
Material: Aluminum Alloy, Alloy Steel , Stainless Steel

Application:

Force measurement in aerospace, robotics, lifting equipment, automotive and mechanical automation connectors



MLC5040F2

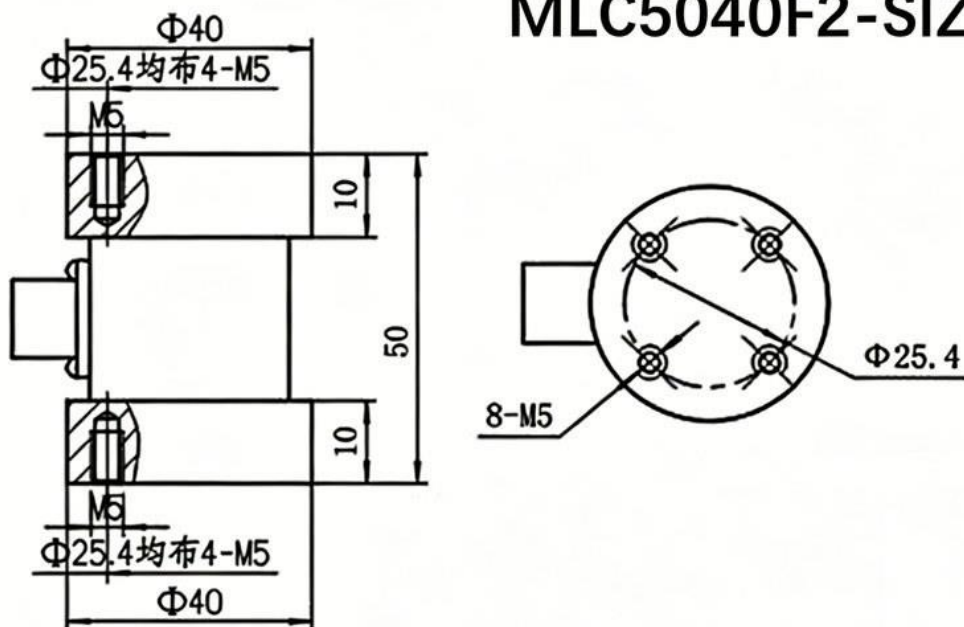


Force Structure

Technical Specifications

Combined Error	0.3%FS	Output Resistance	350±5Ω
Rated Output	1.0-2.0±0.05 mv/v	Insulation Resistance	≥5000MΩ(100VDC)
Nonlinearity	0.3%FS	Operating Voltage	9~12VDC
Hysteresis	0.3%FS	Compensated Temperature	-10~+40°C
Repeatability	0.3%FS	Operating Temperature	-20~+55°C
Creep	0.3%FS/30MIN	Zero Temp Effect:	0.03%FS/10°C
Zero Output	±1%FS	Sensitivity Temp Effect	0.03%FS/10°C
Input Resistance	380±10Ω	Crosstalk	≤±2.5%F.S.

MLC5040F2-SIZE



Product Dimensions