



MLC5074F3 Cylindrical 3-axis Force Sensor Fx_{Fy}F_z

Model: MLC5040F3

Category: Multi-Axis Force Sensor

X-axis F_x: 5-3000N

X-axis F_x: 5-3000N

Z-axis F_z: 0-5000N

Dimensions: Ø74*52mm

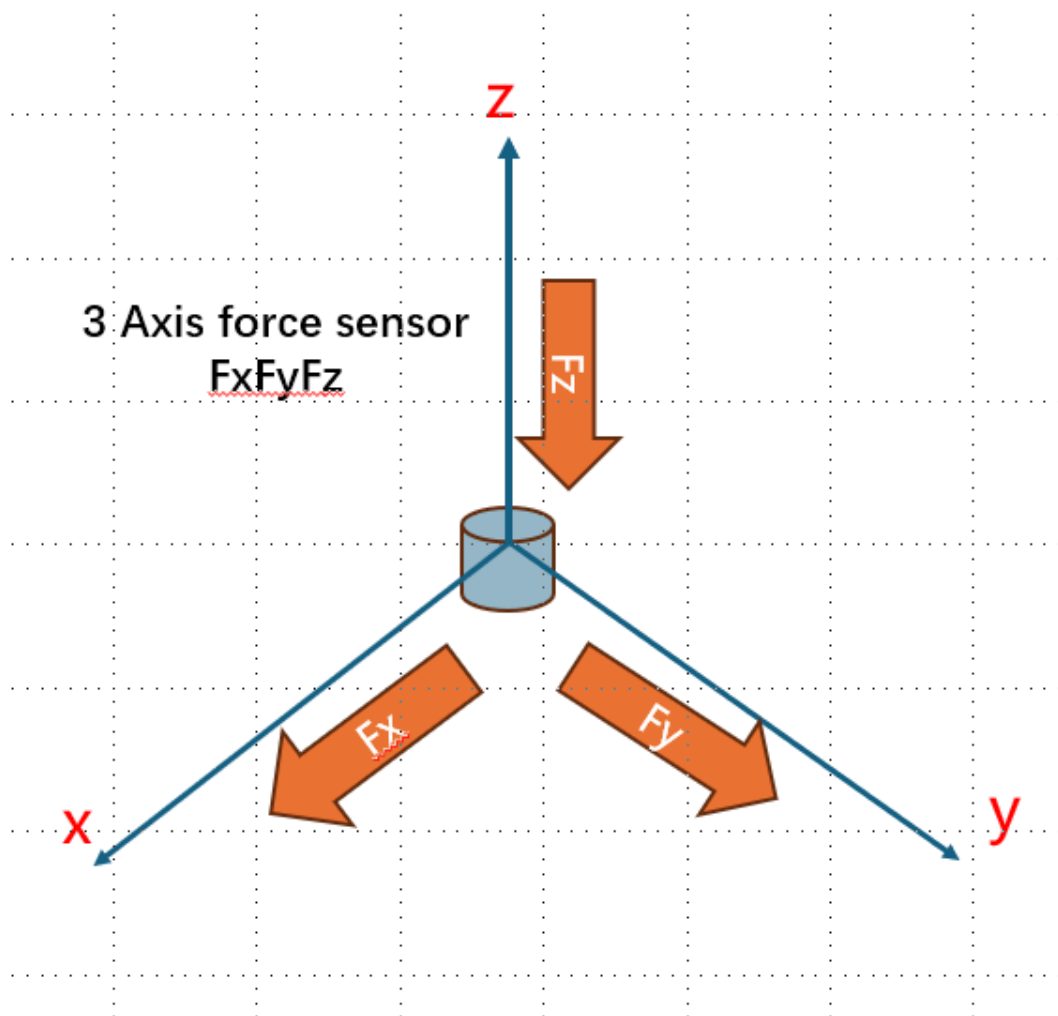
Material: Aluminum Alloy, Alloy Steel , Stainless Steel

Application:

Robot assembly, robotic arms, vehicle inspection lines, machine tool force measurement, auto parts welding



MLC5074F3

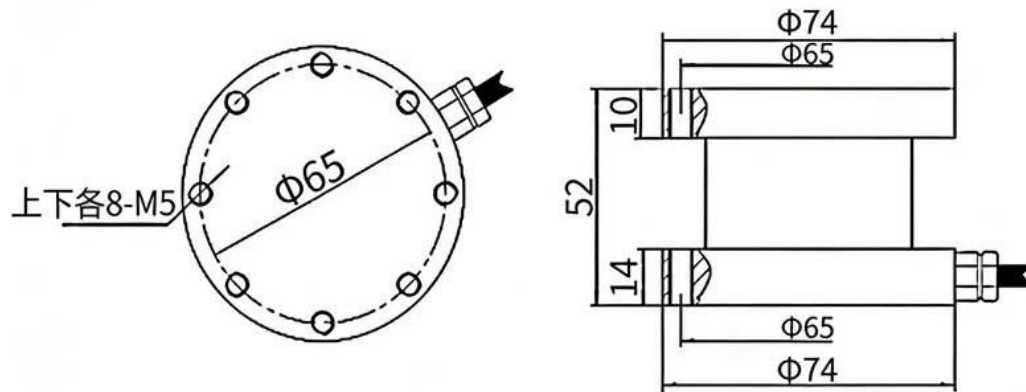


Force Structure

Technical Specifications

Combined Error	0.3%FS	Output Resistance	350±5Ω
Rated Output	1.0-1.5mv/v	Insulation Resistance	≥5000MΩ(100VDC)
Nonlinearity	0.3%FS	Operating Voltage	9~12VDC
Hysteresis	0.3%FS	Compensated Temperature	-10~+40℃
Repeatability	0.3%FS	Operating Temperature	-20~+55℃
Creep	0.3%FS/30MIN	Zero Temp Effect:	0.03%FS/10℃
Zero Output	±1%FS	Sensitivity Temp Effect	0.03%FS/10℃
Input Resistance	380±10Ω	Crosstalk	≤±2.5%F.S.

MLC5074F3-SIZE



Product Dimensions