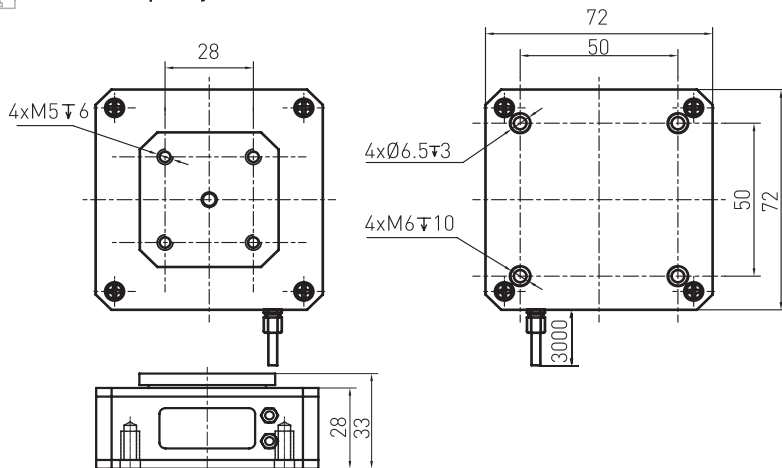


Size and Capacity



Capacity	F _x	F _y	F _z	M _x	M _y	M _z	Material	Weight		
	100N	100N	100N	3N.m	3N.m	10N.m			Aluminum alloy	0.17kg
	200N	200N	200N	6N.m	6N.m	20N.m				
300N	300N	300N	9N.m	9N.m	30N.m					
Output(mV/V)	1.0	1.0	1.0	1.0	1.0	0.5				

Note: Interference among six dimensions ≤ 5%.

Technical Parameters

Specifications	Technique (F _x ,F _y ,F _z ,M _x ,M _y ,M _z)
Zero balance	± 2% F.S.
Non-Linearity	0.5% F.S.
Hysteresis	0.5% F.S.
Repeatability	0.5% F.S.
Crosstalk-No Adjustment	5% F.S.
Crosstalk-With Adjustment	2.5% F.S.
Temp. effect on output	0.5% F.S. / 10°C
Temp. effect on zero	0.5% F.S. / 10°C
Output impedance	350 ± 5 Ω
Insulation	2000M Ω / 100VDC
Recommended excitation	5-10V DC
Maximum excitation	15V DC
Operation temp. range	-10 ~ 60°C
Safe overload	150% F.S.
Ultimate overload	200% F.S.
Cable size	∅2.4 × 3000 mm (2x)
Protection class	IP65
Cable color code	Power: Exc+(Red) Exc-(Black) Fx: Sig+(Green) Sig-(White) F Channel: Fy: Sig+(Blue) Sig-(Yellow) Fz: Sig+(Brown) Sig-(Grey) Mx: Sig+(Green) Sig-(White) M Channel: My: Sig+(Blue) Sig-(Yellow) Mz: Sig+(Brown) Sig-(Grey)



Features & Applications

- Six dimensional force sensor
- Made of anodized aluminum alloy, easy to install and replace
- High accuracy
- Widely used for teleoperator, robotic surgery, precise assembly, automatic grinding, contour tracing, robot arms coordination

Load Direction

