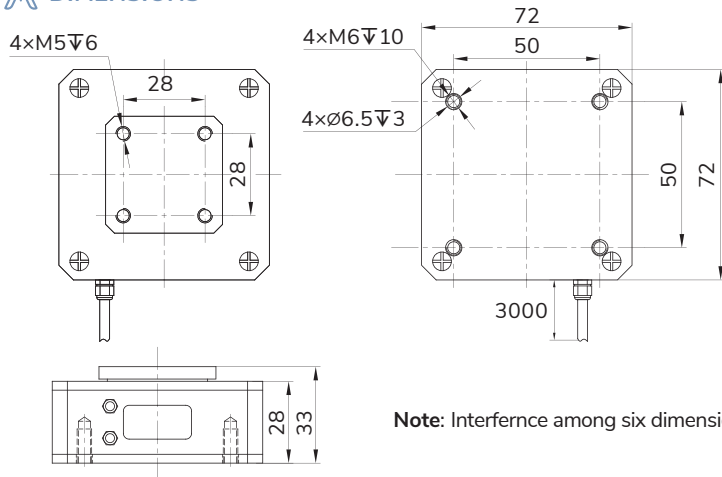


DIMENSIONS



CAPACITIES

Direction	F _x	F _y	F _z	M _x	M _y	M _z
Capacity	100N	100N	100N	3N.m	3N.m	10N.m
	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

SPECIFICATIONS

TECHNIQUE

PERFORMANCE

Non-Linearity	$\pm 0.5\%$ of RO
Hysteresis	$\pm 0.5\%$ of RO
Repeatability	$\pm 0.5\%$ of RO
Zero Balance	$\pm 2\%$ of RO
Crosstalk-No Adjustment	$\pm 5\%$ of RO
Crosstalk-With Adjustment	$\pm 2.5\%$ of RO

ELECTRICAL

Rated Output	See Table Above
Recommended Excitation	5 ~ 10 VDC
Maximum Excitation	15 VDC
Output Impedance	350 $\pm$ 50 Ω
Insulation	≥ 2000 M Ω / 100 VDC

Cable Color Code	Power: Red / (E+)	Black / (E-)
	F _x : Green / (S+)	White / (S-)
	F _y : Blue / (S+)	Yellow / (S-)
	F _z : Brown / (S+)	Grey / (S-)
	M _x : Green / (S+)	White / (S-)
	M _y : Blue / (S+)	Yellow / (S-)
	M _z : Brown / (S+)	Grey / (S-)

MECHANICAL

Weight	0.2Kg
Safe Overload	150% of RO
Ultimate Overload	200% of RO
Material	Aluminium Alloy
Cable Size	2 x $\varnothing$ 2.4 x 3000 mm
IP Rating	IP65

TEMPERATURE

Operating Temperature	-10 ~ 60°C
Temp. Effect On Output	$\pm 0.5\%$ of RO / 10°C
Temp. Effect On Zero	$\pm 0.5\%$ of RO / 10°C

CONFORMITY

RoHS	2011/65/EU
CE	2014/35/EU



FEATURES & APPLICATIONS

- Multi Load Type (Force/Torque)
- Six Dimensional Force Sensor
- High Accuracy
- Easy To Install And Replace
- Surface Anodized
- Widely Used For Teleoperator, Robot Arms Coordination

LOAD DIRECTION

