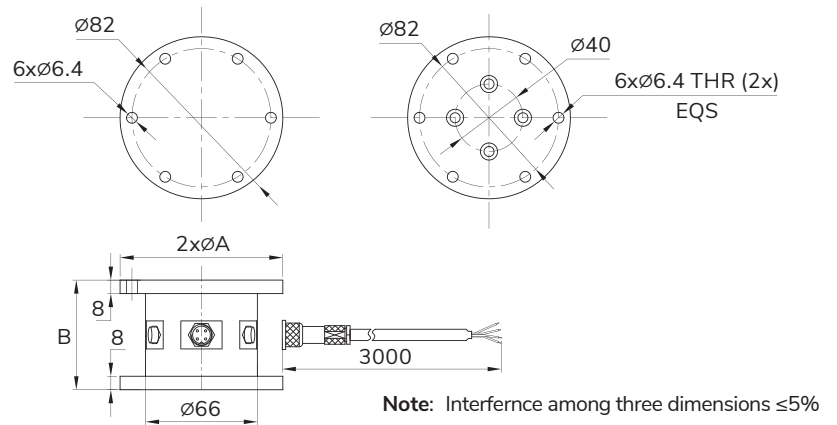




DIMENSIONS



FEATURES & APPLICATIONS

- Multi Load Type (Force)
- Three Dimensional Force Sensor
- Easily Integrates Into OEM Applications
- Designed For Torque Auditing
- Used For Robotic Applications

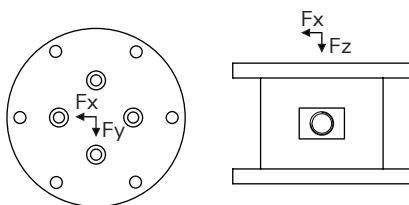
CAPACITIES

CAP (Kg)	SIZE (mm)	$\varnothing A$	B
X:20/30/50/100/150/200/300/500 Y:20/30/50/100/150/200/300/500 Z:30/50/100/200/300/500/1000		96	65

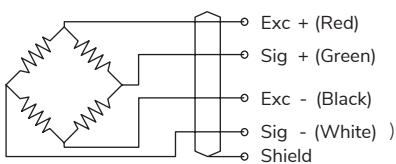
SPECIFICATIONS

PERFORMANCE	
Non-Linearity	$\pm 0.5\%$ of RO
Hysteresis	$\pm 0.25\%$ of RO
Repeatability	$\pm 0.25\%$ of RO
Creep (30min)	$\pm 0.2\%$ of RO
Zero Balance	$\pm 2\%$ of RO
ELECTRICAL	
Rated Output	$1.0 \pm 10\%$ mV/V
Recommended Excitation	10 VDC
Maximum Excitation	15 VDC
Input Impedance	$385 \pm 30 \Omega$
Output Impedance	$350 \pm 5 \Omega$
Insulation	$\geq 5000 M\Omega / 100 VDC$
Cable Color Code	Input: Red (E+) Black (E-) Output: Green (S+) White (S-)
MECHANICAL	
Weight	1.8Kg
Safe Overload	120% of RO
Ultimate Overload	200% of RO
Material	Stainless Steel
Cable Size	3 x $\varnothing 5$ x 3000 mm
IP Rating	IP65
TEMPERATURE	
Operating Temperature	$-20 \sim 80^\circ C$
Compensated Temp. Range	$-10 \sim 60^\circ C$
Temp. Effect On Output	$\pm 0.05\%$ of RO / $10^\circ C$
Temp. Effect On Zero	$\pm 0.05\%$ of RO / $10^\circ C$
CONFORMITY	
RoHS	2011/65/EU
CE	2014/35/EU

LOAD DIRECTION



SCHEMATIC WIRING DIAGRAM



Note: Cable shield is not connected to element.