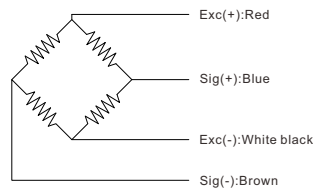


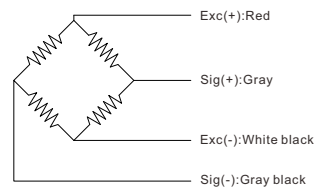
Dimensions in "mm"

Wiring Diagram of Model F3A

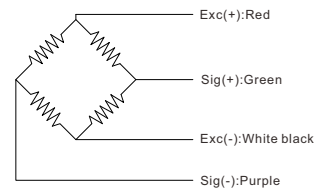
X-axis



Y-axis

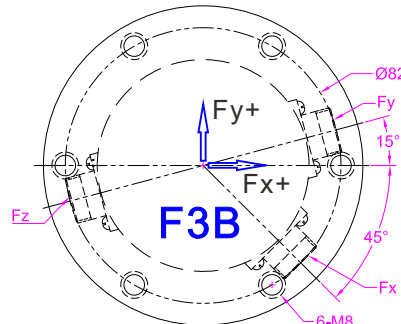
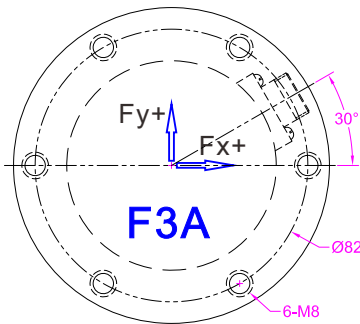
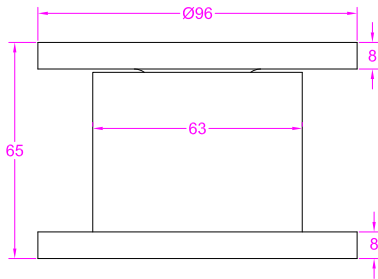
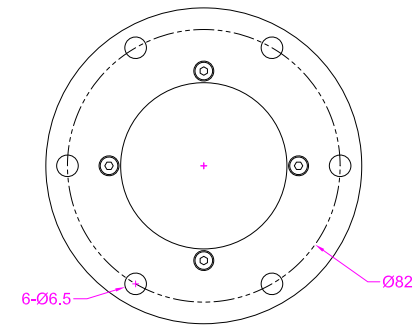
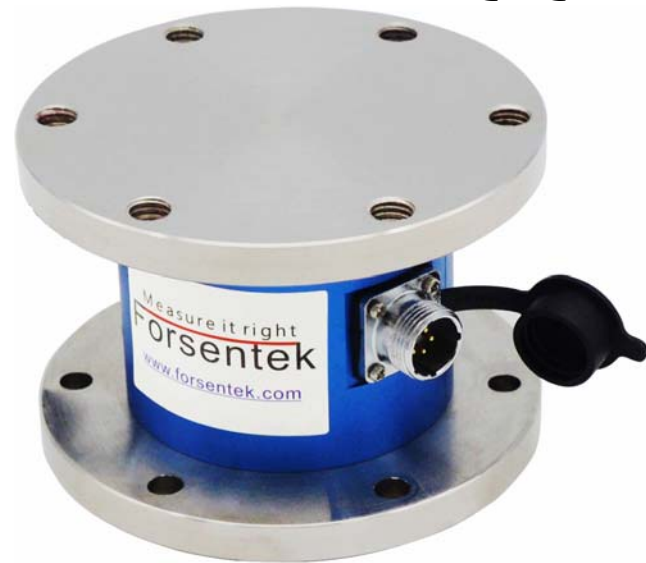
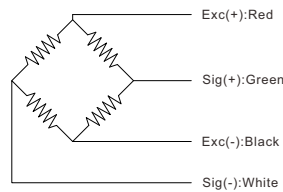


Z-axis



Wiring Diagram of Model F3B

X/Y/Z-axis



--- Specifications ---

Capacity	50/100/200/300/500/1000 kg		
Rated Output	1.0mV/V	Compensated Temp.	- 10...+40°C
Excitation	3~15V	Operating Temp.	-20...+60°C
Zero Balance	±0.05mV/V	Temp. Shift Zero	±0.02% of R.O./°C
Nonlinearity	±0.5% of R.O.	Temp. Shift Span	±0.02% of R.O./°C
Hysteresis	±0.3% of R.O.	Input Resistance	180±30Ω
Nonrepeatability	±0.2% of R.O.	Output Resistance	Fx/Fy: 385±30Ω Fz: 700±100 Ω
Creep(3min)	±0.1% of R.O.	Insulation Resistance	>2000MΩ(50V)
Safe Overload	<3% of R.O.	Ingress Protection	IP50
Ultimate Overload	150% of F.S.	Material of Element	Stainless steel
Cable	F3A: Ø6*3000mm 8-core shielded cable with mating connector (x1) F3B: Ø5*3000mm 4-core shielded cable with mating connector (x3)		
R.O.=Rated Output F.S.=Full Scale			

• Subject to change without notice

Ordering code		Capacity	
F3A	F3B	F _x =F _y	F _z
F3A-50-50-100	F3B-50-50-100	50kg	100kg
F3A-100-100-200	F3B-100-100-200	100kg	200kg
F3A-200-200-300	F3B-200-200-300	200kg	300kg
F3A-300-300-500	F3B-300-300-500	300kg	500kg
F3A-500-500-1k	F3B-500-500-1k	500kg	1000kg

- F3A has only one cable outlet, (1x) 3m 8-core cable with mating connector is included.
 F3B has three cable outlets, (3x) 3m 4-core cable with mating connector is included.
- Output range of F3A/F3B is normally within -15mV...+15mV.
 Please refer to next pages if you need 0-5V/0-10V/4-20mA output.