

Force Pancake Compression - FPC

Pan Cake Compression Load Cells

FEATURES

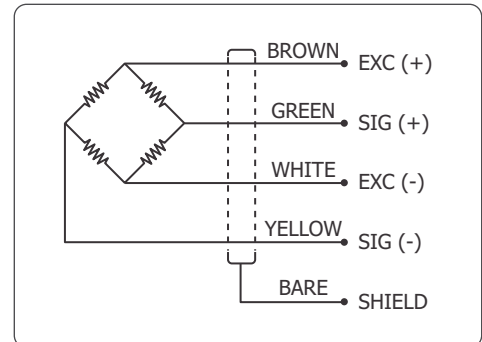
- Compression type
- Simple installation
- These Load cells are extremely small and lightweight.

TECHNICAL SPECIFICATION

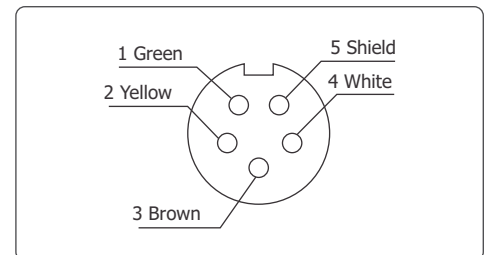
Model	FPC
Rated capacity(R.C.)	50, 100, 200, 500kgf, 1, 2, 3, 5tf
Rated output(R.O.)	2mV/V $\pm$ 0.4%
Nonlinearity	0.5% of R.O.
Hysteresis	0.5% of R.O.
Repeatability	0.2% of R.O.
Zero balance	$\pm$ 2% of R.O.
Temperature effect, on rated output	0.1% of R.O./10°C
Temperature effect, on zero balance	0.05% of R.O./10°C
Temperature range, compensated	-10~70°C
Temperature range, safe	-20~80°C
Terminal resistance input	350 $\pm$ 50 Ω
Terminal resistance output	350 $\pm$ 2 Ω
Insulation resistance bridge/case	2000M Ω
Excitation recommended	10V (max. excitation 15V)
Safe overload	120% R.C.
Connector Cable	Standard $\varnothing$ 5mm 4core, 2mtr Contact Factory for longer length
Ingress Protection	IP65 (for higher rating contact factory)
Weight	1200 gm



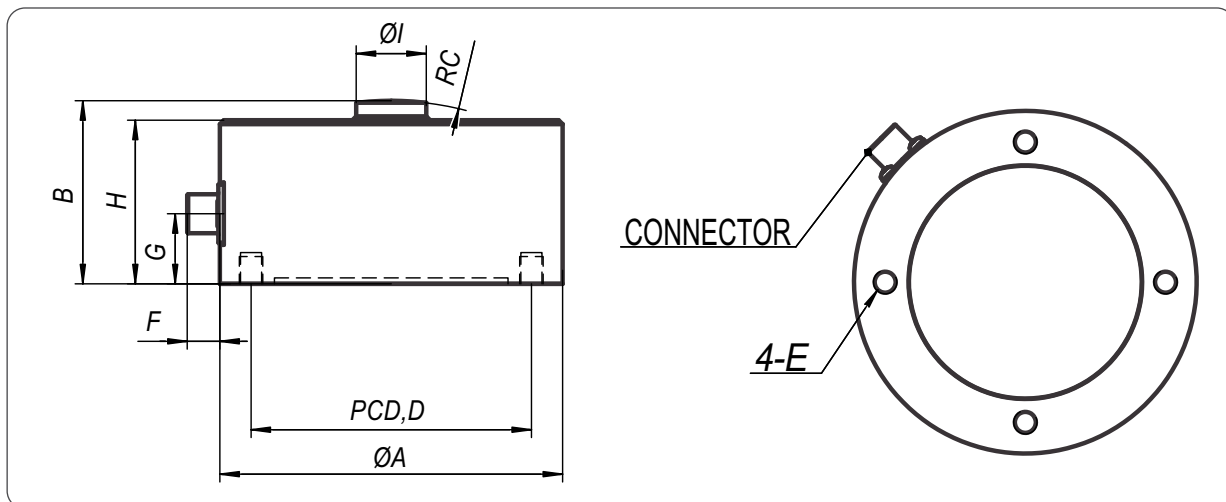
WIRING INFORMATION



5 PIN CONNECTOR



DIMENSION DETAILS



DIMENSION TABLE

Unit : mm

Capacity	ØA	B	C	D	E	F	G	H	ØI
50, 100, 200, 500kgf, 1tf, 2tf	51	26	25	42	M5x0.8-DP8	8.4	11	22	10
2.5tf, 3tf, 5tf	88	42	75	72	M6x1-DP8	8.4	15	37	18

Specifications are subject to change without Prior notice