

Force Pancake Male Thread - FPMT

Pancake Compression or Tension Load Cells

FEATURES

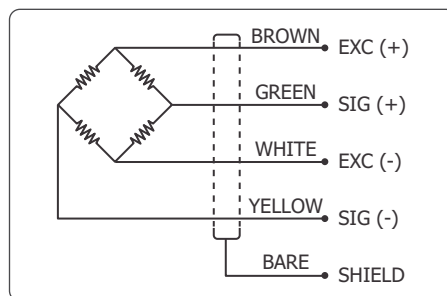
- Compression or Tension Load Cell.
- These load cells are extremely small and lightweight.

TECHNICAL SPECIFICATION

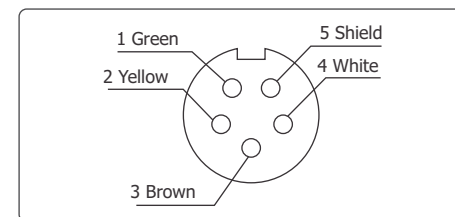
Model	FPMT
Rated capacity(R.C.)	20, 50, 100, 200, 500kgf, 1tf, 2tf, 3tf, 5tf
Rated output(R.O.)	2mV/V $\pm$ 0.4%
Nonlinearity	0.5% of R.C.
Hysteresis	0.5% of R.C.
Repeatability	0.1% of R.C.
Zero balance	$\pm$ 2% of R.O.
Temp. effect on rated output	$\pm$ 0.01% of LOAD/10°C
Temp. effect, on zero balance	0.05% of R.O./10°C
Temperature range, compensated	-10~70°C
Temperature range, safe	-10~80°C
Terminal resistance input	350 Ω $\pm$ 30 Ω
Terminal resistance output	350 Ω $\pm$ 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	260 gm



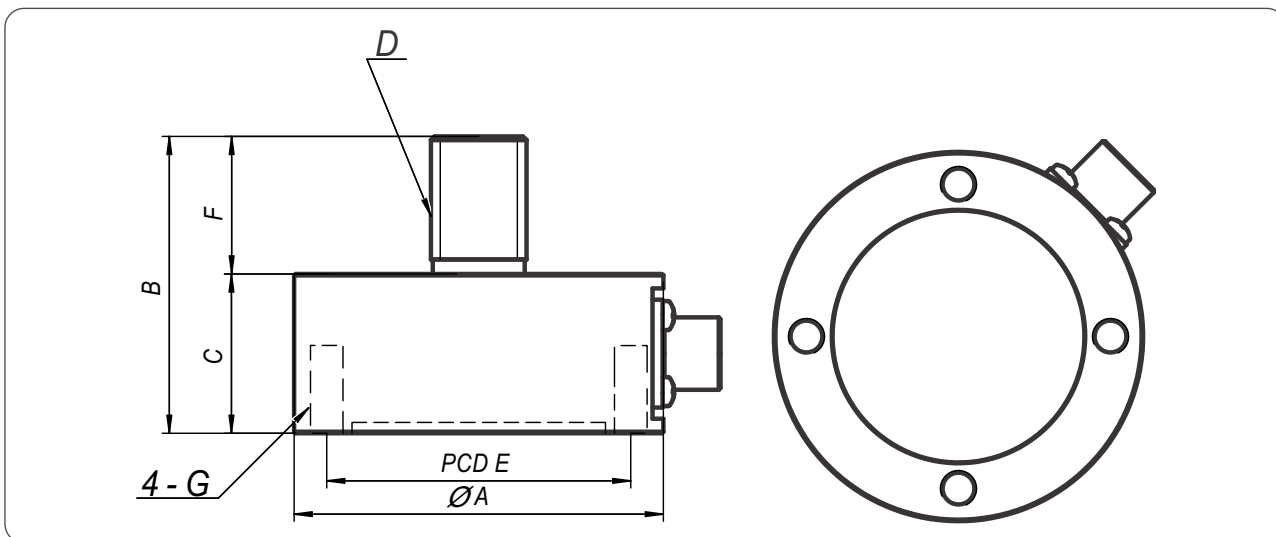
WIRING INFORMATION



5 PIN CONNECTOR



DIMENSION DETAILS



DIMENSION TABLE

Unit : mm

Capacity	A	B	C	D	E	F	G
20, 50, 100, 200, 500Kgf, 1tf	51	41	22	M12x1.25	42	19	M5xDP12
2tf, 3tf	51	44	25	M12x1.25	42	19	M5xDP12
5tf	51	52	32	M20x1.5	42	20	M5xDP12

Specifications are subject to change without Prior notice