

Force Pancake Male Thread Miniature - FPMT (M)

FEATURES

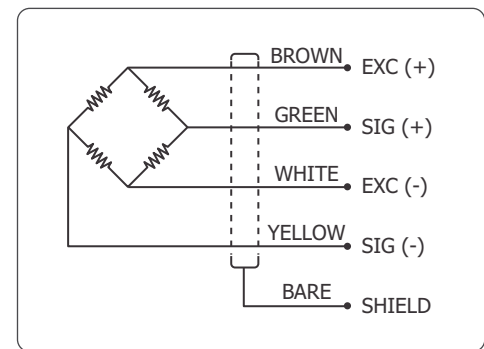
- Miniature Compression or Tension Load Cell.
- These load cells are extremely small and lightweight.

TECHNICAL SPECIFICATION

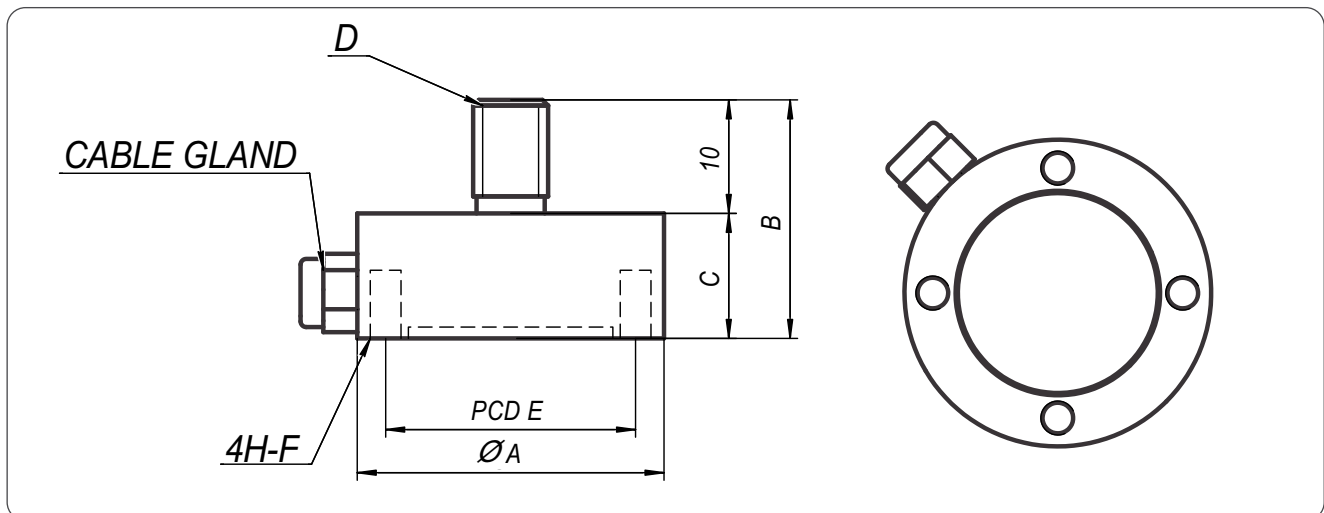
Model	FPMT (M)
Rated capacity(R.C.)	20, 50, 100, 200kgf
Rated output(R.O.)	0.7~1.2mV/V
Nonlinearity	0.1% of R.O.
Hysteresis	0.1% of R.O.
Repeatability	0.1% of R.O.
Zero balance	±2% of R.O.
Temp. effect on rated output	0.1% of LOAD/10°C
Temp. effect, on zero balance	0.05% of R.O./10°C
Temperature range, compensated	-10~60°C
Temperature range, safe	-10~80°C
Terminal resistance input	350Ω±30Ω
Terminal resistance output	350Ω±2Ω
Insulation resistance bridge/case	2000MΩ
Excitation recommended	10V (max. excitation 15V)
Safe overload	120% R.C..
Cable length	Standard Ø5mm 4core, 2mtr Contact Factory for longer length
Ingress Protection	IP65 (for higher rating contact factory)
Weight	40 gm



WIRING INFORMATION



DIMENSION DETAILS



DIMENSION TABLE

Unit : mm

Capacity	A	B	C	D	E	F
20, 50, 100, 200 Kg	27	21	11	M6x1	22	M3x0.5 DP6

Specifications are subject to change without Prior notice