

Force Button Compression - FBC1 & 2

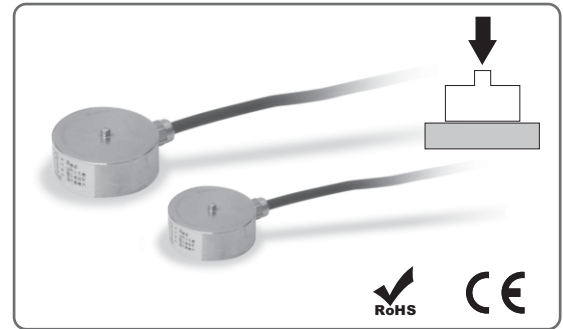
Miniature Compression Load Cells

FEATURES

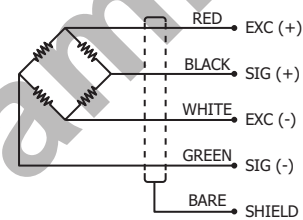
- Optimum suitability for weight distribution analysis.
- Super compact and light weight
- Competitive price. Stainless steel construction.

TECHNICAL SPECIFICATION

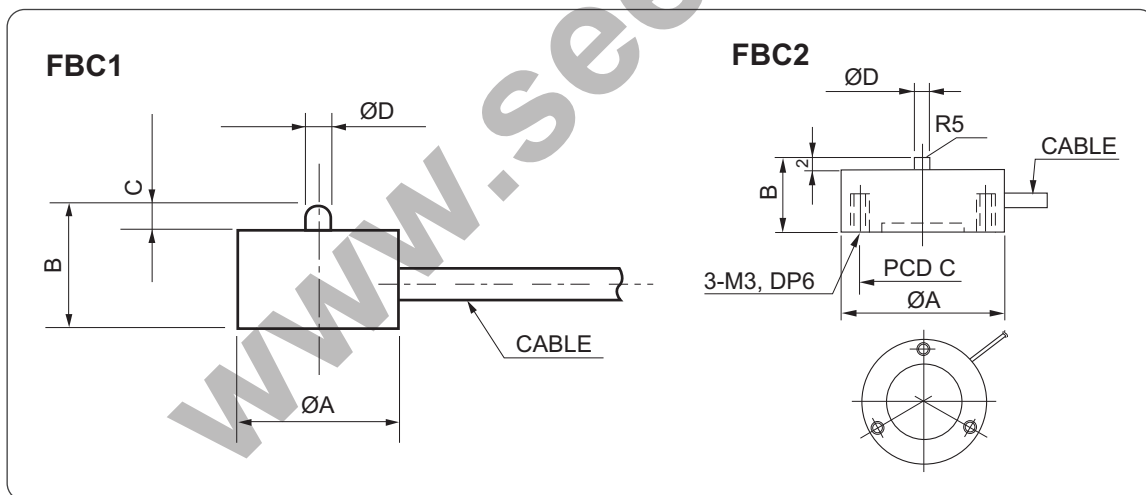
Model	FBC1 & 2
Rated capacity(R.C.)	1, 2, 5, 10, 20, 50, 100, 200, 500kgf, 1, 2, 3tf
Rated output(R.O.)	0.7mV/V to 1.2mV/V
Nonlinearity	1.0% R.O.
Hysteresis	1.0% R.O.
Repeatability	1.0% R.O.
Zero balance	±5% of R.O.
Terminal resistance input	350Ω ±10%
Terminal resistance output	350Ω ±5%
Temperature range, allowable	-20 to +70°C
Excitation recommended	5V DC (max. excitation 15V)
Safe overload	150% R.C.
Cable length	Ø3 4core cable, 3m



WIRING INFORMATION



DIMENSION DETAILS



DIMENSION TABLE

Capacity	FBC1				Unit : mm	
	A	B	C	ØD	Weight (kg)	
1, 2, 5kgf	16	12	2	2.5	0.2	
10, 20, 50, 100, 200kgf	20	11.5	2	2.5		
300, 500,kgf, 1, 2, 3tf	20	14	0.7	4	0.3	

Capacity	FBC2				Unit : mm	
	A	B	C	ØD	Weight (kg)	
1, 2, 5kgf	21	12	17	2.5	0.3	
10, 20, 50, 100, 200kgf	26	12	21	2.5		
300, 500,kgf, 1, 2tf	26	14	21	4		
3tf	26	14	21	8		

Specifications are subject to change without Prior notice