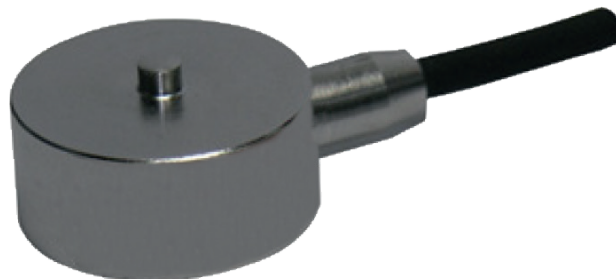


kg **ACBFSR SERIES**
Compression / Miniature Load Cell(3kg ~ 1000kg)

The model ACBFSR miniature type is designed for low profile compression service.

Its capacities range from 3kg to 1000kg and it comes complete with 1.5m of load cell cable.



FEATURES

- low profile
- Rated output (1mV/V)
- Protection class IP65

SPECIFICATIONS

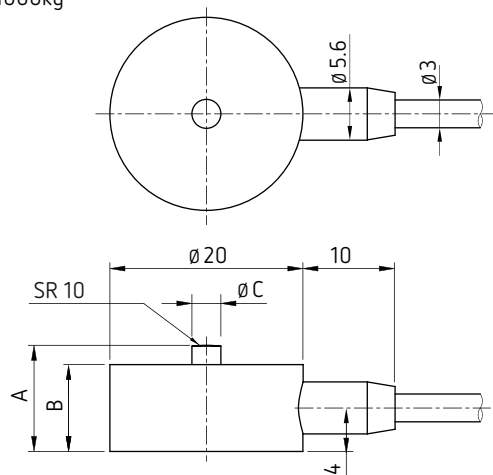
MODEL	ACBFSR				
Rated capacity (R.C.)	3, 5kg		10, 20, 30, 50, 100, 200, 300, 500, 1000kg		
Rated output(R.O.)	1.0mV/V(App.)		1.0mV/V±1%		
Material	Stainless steel				
Non-linearity	≤1% R.O.		≤0.5% R.O.		
Hysteresis	≤1% R.O.		≤0.5% R.O.		
Non-repeatability	≤1% R.O.		≤0.5% R.O.		
Creep error	≤0.5% in 20min.				
Zero balance	≤1% R.O.				
Compensated temperature range	-10 ~ 70°C				
Operating temperature range	-20 ~ 80°C				
Temp. effect on rated output	≤0.5% LOAD/10°C				
Temp. effect on zero balance	≤0.2% R.O./10°C				
Terminal input resistance	350 Ohms ± 10 Ohms				
Terminal output resistance	350 Ohms ± 5 Ohms				
Insulation resistance (Min.)	2000 MOhms at 50V DC				
Excitation voltage	3~5V(Recommended), 10V(Max.)				
Electrical connection	3mmx1.5m(28AWG x 4C Shielded)				
Protection class	meets IP 65				
Safe overload	150% R.C				
Ultimate overload	300% R.C				
Capacity	A	B	C	D	E°
3~100 kg	11	9	3	3-M2.5x0.45P	60°
200~500 kg	11	10	4	4-M2.5x0.45P	45°
1000 kg	14	13	4	4-M2.5x0.45P	45°



DIMENSION-mm

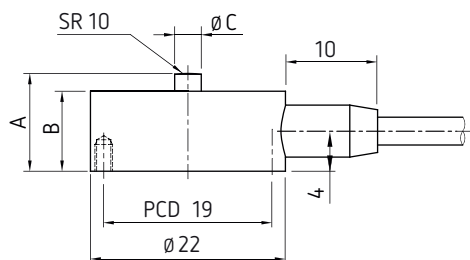
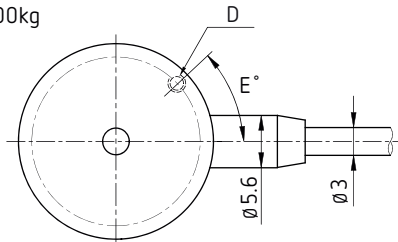
TYPE - A

3~1000kg



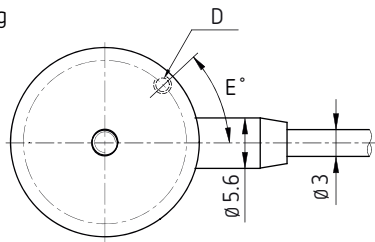
TYPE - B

3~1000kg

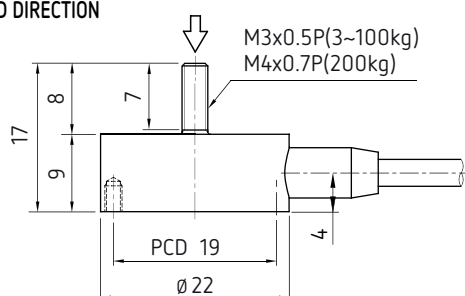


TYPE - C

3~200kg



LOAD DIRECTION

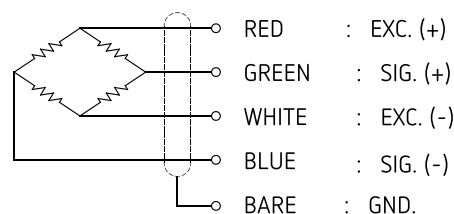


ORDERING INFORMATION

ACBFSR - 10

MODEL	CAPACITY
ACBFSR A	- 3kg~1000kg
ACBFSR B	- 3kg~1000kg
ACBFSR C	- 3kg~200kg

WIRING INFORMATION



* Specifications are subject to change without notice