



## 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			), 50, 100, 500, 1000kg	
Rated output(R.O.)			1.0mV/V	(Арр.)	1.0mV/V±1%		
Material			Stainless steel				
Non-linearity			≤1% R.0	≤1% R.O. ≤0.5% R.O.			
Hysteresis			≤1% R.0	D.	≤0.5% R.O.		
Non-repeatability			≤1% R.0	D.	≤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.0./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	А	В	С		D	E°	
3~100 kg	11	9	3	3-N	12.5x0.45P	60°	
200~500 kg	11	10	4	4-N	12.5x0.45P	45°	
1000 kg	14	13	4	4-1	42.5x0.45P	45°	

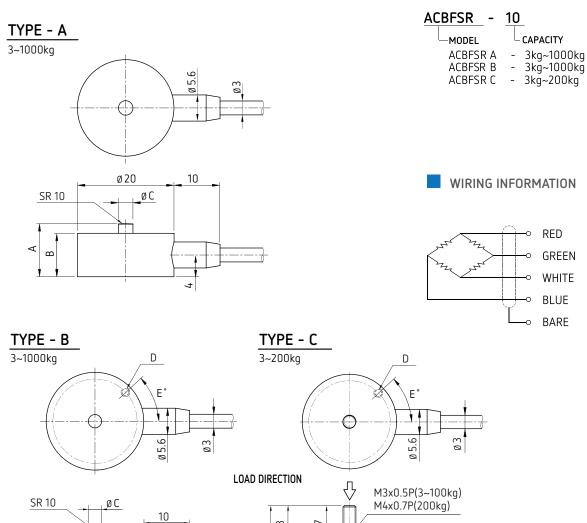






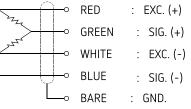
DIMENSION-mm

ORDERING INFORMATION



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WIRING INFORMATION



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\* Specifications are subject to change without notice

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