

LOAD CELLS

off center

CB17



Low capacity, high accuracy at a competitive price

Capacities from 0.6 to 3 Kg

IP64 Protection

Platform maximum size of 200 x 200 mm

Particularly suitable for the construction of small scales

TECHNICAL CHARACTERISTICS CB17

Rated load (RL):	600 g, 1, 2, 3 kg
Linearity:	< ±0.02% R.O.
Repeatability:	< ±0.02% R.O.
Creep (20 minutes):	< ±0.02% R.L.
Safe overload:	300% of R.L.
Ultimate overload:	400% R.L.
Recommended input:	5÷12 Vdc/Vac
Maximum excitation:	15 Vdc/Vac
Input resistance:	420 +30 -20 Ohm
Output resistance:	350 ± 5 Ohm
Insulation resistance:	> 2000 M Ohm
Rated output (R.O.):	1 ± 0.1 mV/V
Zero balance:	< ±0.05% of R.O.
Temperature range:	-10 ÷ +50 °C
Compensated temperature range:	-10 ÷ +50 °C
Temperature effect on zero balance:	< ±0.004% of R.O./°C
Temperature effect on output:	< ±0.0012% on output/°C
Degree of protection:	IP64
Material:	Alluminum alloy
Electrical connection:	4 conductors shielded cable; length 40 cm

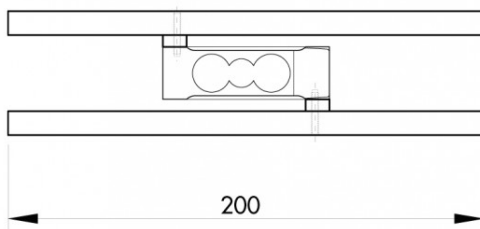
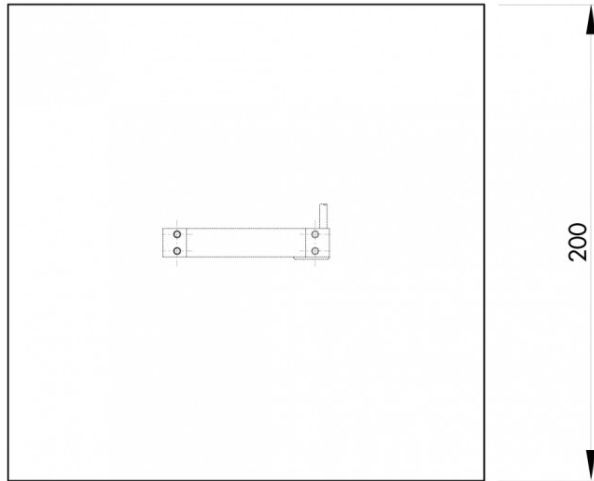




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Electrical Connection	
+Excitation	Red
-Excitation	White
+Signal	Green
-Signal	Blue
Shield	Cable shield
Error is within 0.02% SN applied with 1/2 of capacity at the position of 50mm of eccentricity	
The center of loading plate and the center of the load cell should be the same position	



