

LOAD CELLS

off center

C2D1



High precision and low bending features

Capacities from 100 to 800 Kg

IP65 Protection

O.I.M.L. R60 Classe C4 approved

Maximum platform size 450 x 650 mm

TECHNICAL CHARACTERISTICS C2D1

Rated load (RL):	100, 300, 450, 600, 800 Kg
Combined error:	< $\pm 0.02\%$ of R.O.
Repeatability:	< $\pm 0.02\%$ of R.O.
Creep (30 minutes):	< $\pm 0.018\%$ of R.L.
Safe overload:	150% of RL
Ultimate overload:	200% of R.L.
Recommended input:	5 $\pm$ 12 Vdc/Vac
Maximum excitation:	16 V
Input resistance:	420 $\pm$ 40 Ohm
Output resistance:	350 $\pm$ 3 Ohm
Insulation resistance:	> 2000 M Ohm
Rated output (R.O.):	2 (+0.004 -0) mV/V
Zero balance:	< ± 0.1 mV/V
Temperature range:	-20 $\div$ +70 °C
Compensated temperature range:	-10 $\div$ +50 °C
Temperature effect on zero balance:	< $\pm 0.0014\%$ of R.O./°C
Temperature effect on output:	< $\pm 0.001\%$ of output/°C
Max load deflection:	0.13 $\div$ 0.46 mm
Degree of protection:	IP65
Material:	Aluminum alloy
Electrical connection:	4 conductors shielded cable; length 6 m



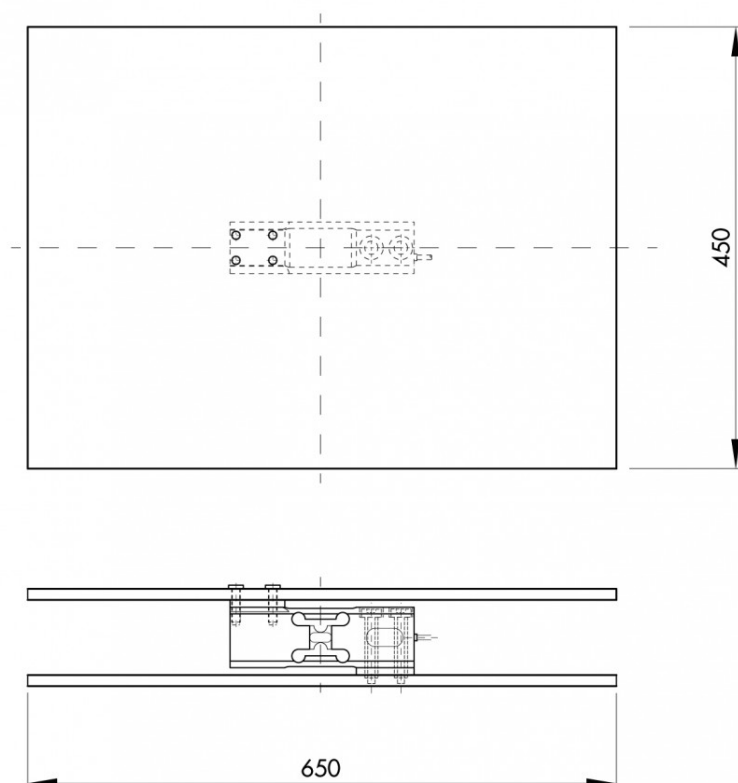


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Electrical Connection	
+Excitation	Red
-Excitation	White
+Signal	Green
-Signal	Blue
Shield	Cable shield
Error is within 0.02% SN applied with 1/2 of capacity at the position of 200mm of eccentricity	
The center of loading plate and the center of the load cell should be the same position	



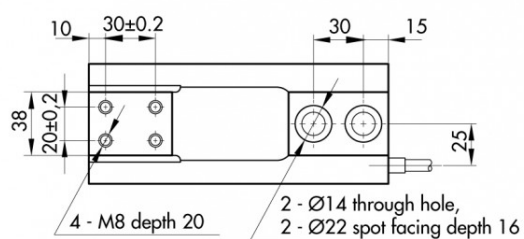
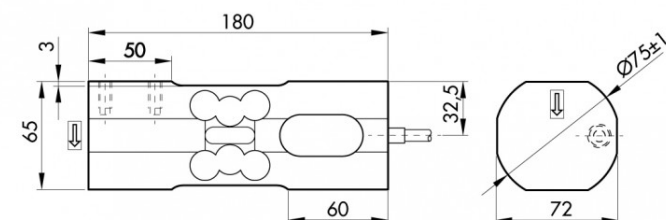


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Capacity 100 ÷ 450 Kg

Capacity 600 ÷ 800 Kg

