

LOAD CELLS

shear beam

PTA



Excellent accuracy, linearity and creep

Made of nickel plated steel

Approved 3000 division O.I.M.L. R60 Class C

Strength to lateral loads higher than 50% of the PN

IP67 protection

Weighing of tanks, hoppers, belts, platforms, single cell systems, suspended load, automatic packaging machines

TECHNICAL CHARACTERISTICS PTA

Rated load (R.L.):	500, 1000, 1500, 2000, 2500, 3000, 5000 Kg
Combined error:	±0.02% of R.O.
Repeatability:	±0.01 % of R.O.
Creep (30 minutes):	±0.02% of R.O.
Safe overload:	150% of R.L.
Ultimate overload:	300% R.L.
Recommended input:	5÷15 Vcc/ca
Input resistance:	350 ± 3.5 Ohms
Output resistance:	350 ± 3.5 Ohms
Insulation resistance:	? 5000 M Ohms 50 VDC between the branches of the bridge and the body cell
Rated output (R.O.):	3 ± 0.003 mV/V
Zero balance:	1% R.O.
Temperature range:	-35 ÷ +65°C
Compensated temperature range:	-10 ÷ +40°C
Temp. effect (-10° to +50°C) on zero balance:	0.018% of R.O./10°C
Temp. effect (-10°C to +50°C) on output:	0.014% on output/10°C
Degree of protection:	IP67
Material:	Stainless steel
Electrical connection:	4 conductors shielded cable; length 4 m
Precision class:	3000 n. OIML

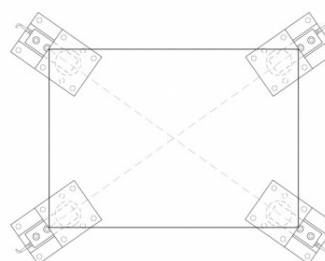
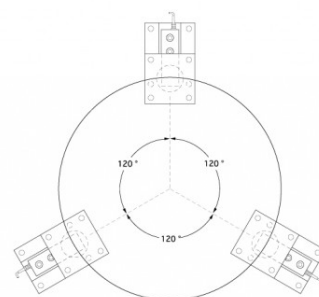
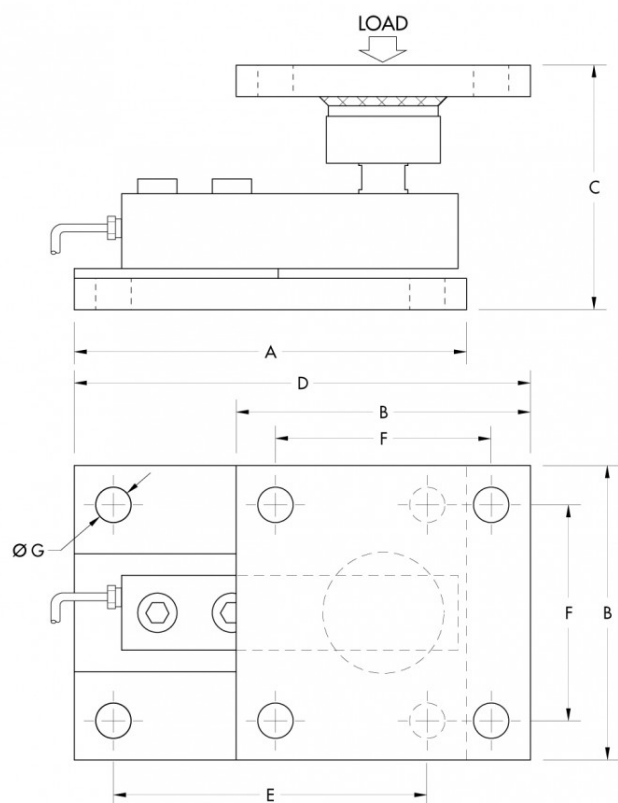




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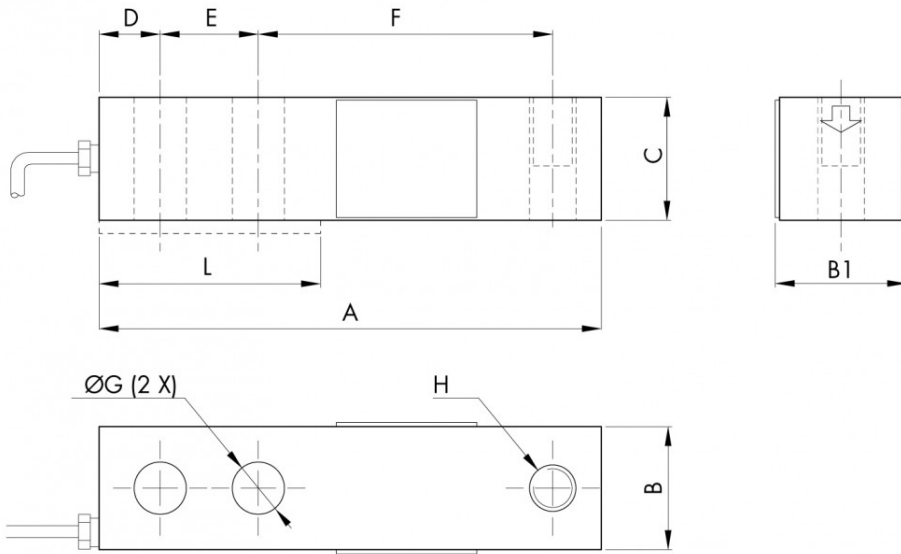
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CAPACITY kg	500-2000	2000-5000
A	150	200
B	100	150
C	98/101	120/123
D	181.6	248.4
E	120	160
F	70	110
G	13	18





Electrical Connections	
+Excitation	Red
-Excitation	Black
+Signal	Green
-Signal	White
Shield	Cable Shield

CAPACITY kg	500-2000	2500-5000
A	130	171.5
B	31.8	38.1
B1	34	40
C	31.8	38.1
D	15.8	19.1
E	25.4	38.1
F	76.2	95.3
G	13.5	20.6
H	M12x1.75	M18x1.5
L	54	77

