

SINGLE-POINT LOAD CELL for platforms 400x400 mm

Capacity from 10 kg to 100 kg



- ALUMINUM ALLOY
- COMBINED ERROR $\leq \pm 0.02\%$
- IP65 PROTECTION RATING

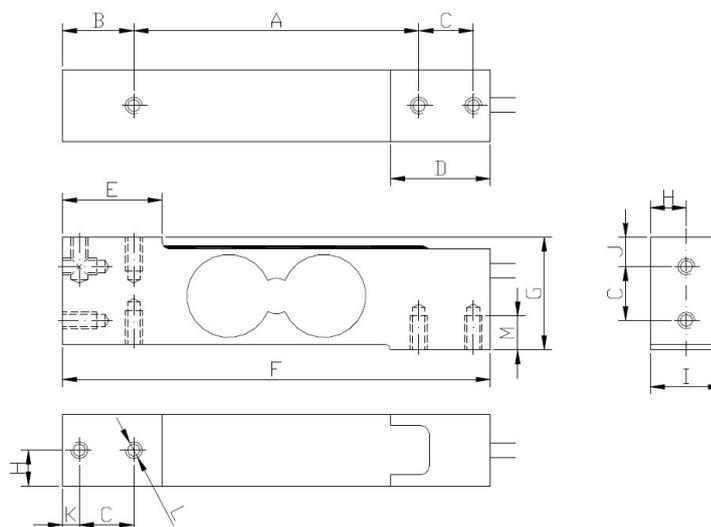
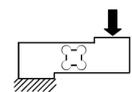
CAPACITY	kg	PLATFORM (mm)	NET WEIGHT (kg)
	10	400 x 400	0.42
	20	400 x 400	0.42
	50	400 x 400	0.42
	100	400 x 400	0.42

CERTIFICATIONS

 Equivalent of the CE marking for the United Kingdom

DIMENSIONS (mm)

mm	A	B	C	D	E	F	G	H	I	J	K	L	M
	100	25	19,1	35	35	150	40	12,7	25,4	10,45	5,9	M6(X7)	13



TECHNICAL FEATURES

Material	Aluminum alloy		
Nominal load (E max)	10 - 20 - 50 - 100 kg		
Combined error	≤ ±0.02%		
Protection rating	IP65		
Rated output	2 mV/V ±10%	Input resistance	410 Ω ±15
Temperature effect on zero	0.0014% °C	Output resistance	350 Ω ±7
Temperature effect on span	0.012% °C	Zero balance	≤ ±2%
Compensated temperature range	-10 °C / +40 °C	Insulation resistance	≥5000 MΩ
Operating temperature range	-30 °C / +85 °C	Safe overload (% of full scale)	150%
Creep at nominal load in 4 hours	0.03%	Ultimate overload (% of full scale)	300%
Max supply voltage without damage	15 V	Deflection at nominal load	0.3 mm

ELECTRICAL CONNECTIONS

Cable length	2 m
Cores	4

