weightechUSA

BSPL6G3

Single Point Load cell



Widely used for weighing
platforms up to 450 x 550 mm

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Revisão AT: Loui Oriqui | **Revisão AC:** Eber Santos
Edição: Stephany

IP65

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BSPL6G3

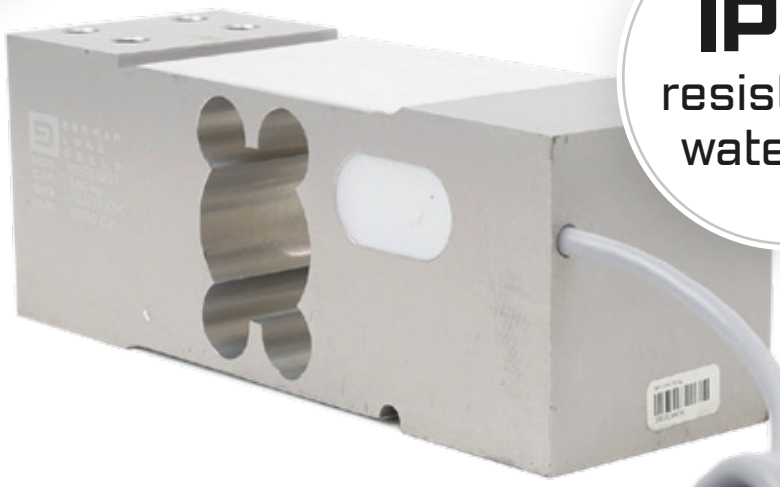
LOAD CELL

Used for weighing platforms up to 450x550mm.

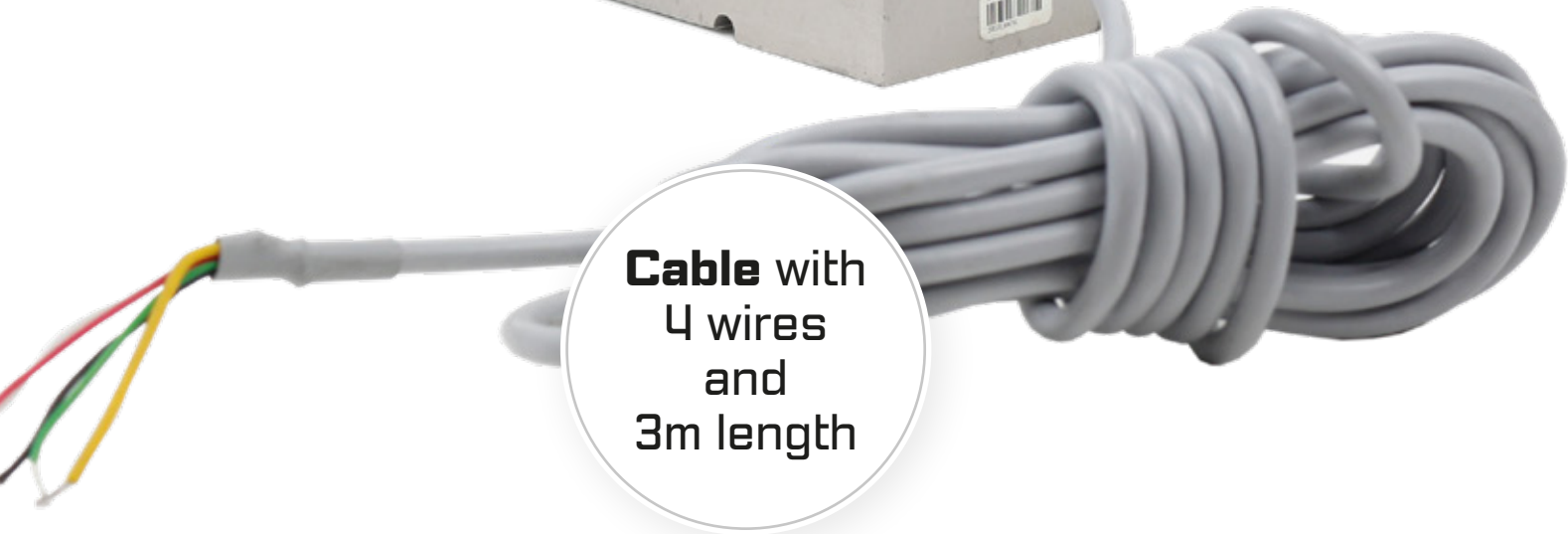


100, 150, 300, 500 e 600kg

Made of high-strength **aluminum**

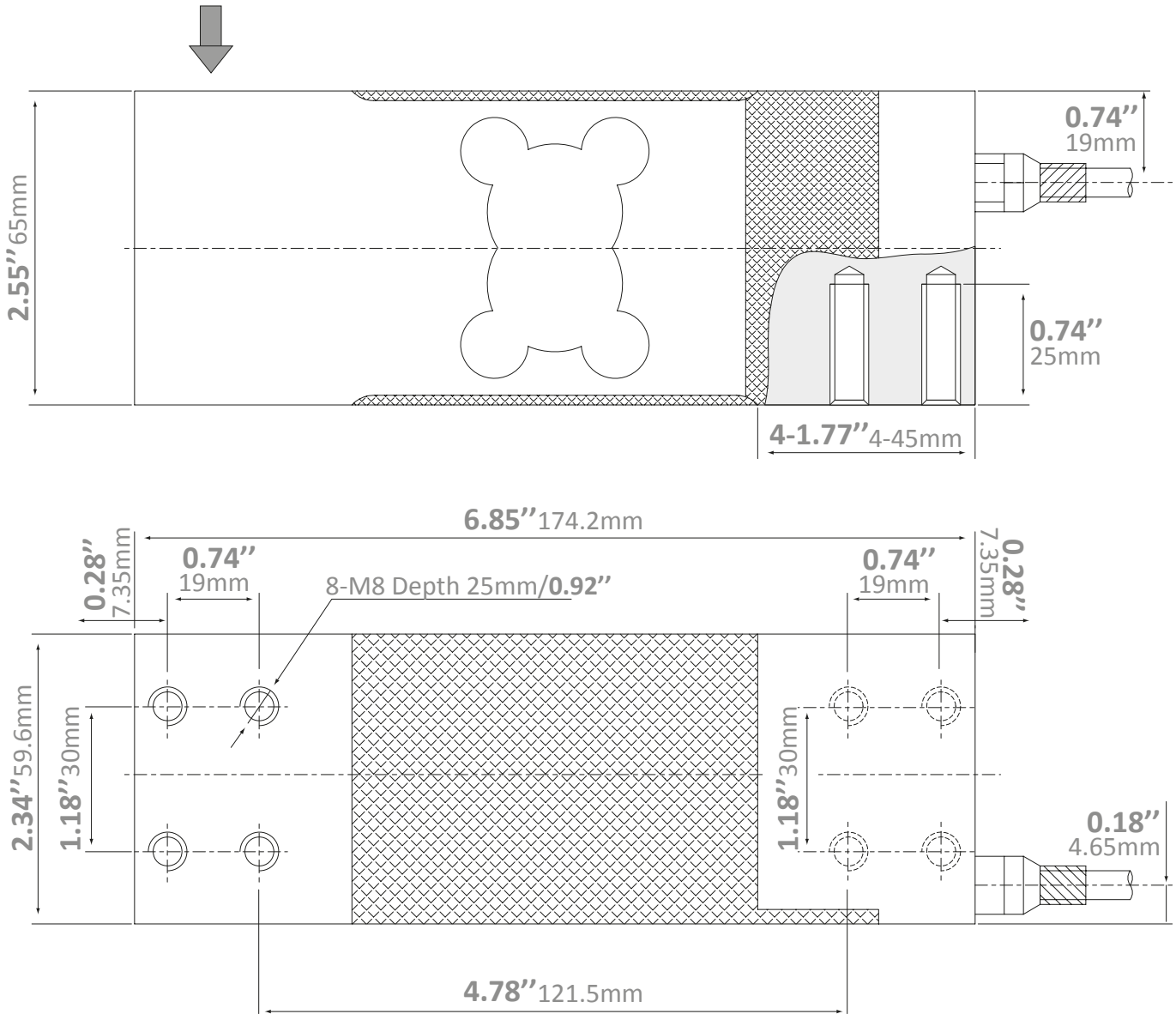


IP65 resistant to water jets

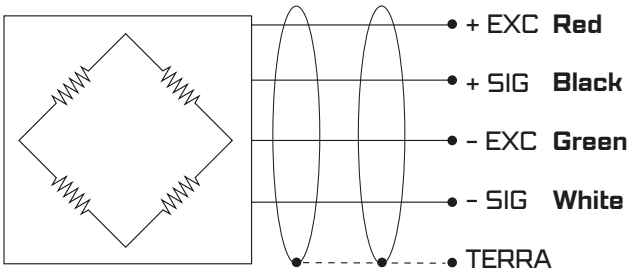


Cable with 4 wires and 3m length

DIMENSIONS



WIRING DIAGRAM



TECHNICAL DATA

Nominal capacity	100 kg, 150 kg, 300 kg, 500 kg e 600 kg
Sensitivity	2 ± 0,2 mV/V
Building materials	Aluminum
Cable	4 wires, 3m long and 5mm in diameter
Maximum platform size	450 x 550mm
Tightening torque	42 Nm
Error total	± 0,02% of nominal capacity
Creep (30 minutos)	± 0,03% of nominal capacity
Zero compensation	± 2% of nominal capacity (100 ~ 500 kg) ± 1,5% of nominal capacity (600 kg)
Zero temperature compensation	± 0,025% of nominal capacityl/10
Span temperature compensation	± 0,025% of nominal capacity/10
Electrical input resistance	410 ± 10Ω (100 ~ 300 kg) 404 ± 10Ω (500 kg) 402 ± 10Ω (600 kg)
Electrical output resistance	350 ± 3Ω
Insulation resistance	≥ 2000MΩ
Nominal temperature range	-20ºC up to +60ºC
Operating temperature range	-10ºC up to +40ºC
Safety load limit (static and centralized load)	150% of nominal capacity
Burst overload	200% of nominal capacity
Recommended excitation voltage	10 VDC
Maximum excitation voltage	5-15 VDC
Degree of protection	IP65

PART NUMBER

Products	Capacities	Codes
Load Cell BSPL6G3	100kg	10411
Load Cell BSPL6G3	150kg	10412
Load Cell BSPL6G3	300kg	10413
Load Cell BSPL6G3	500kg	10414
Load Cell BSPL6G3	600kg	10415

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PRODUCT PAGE