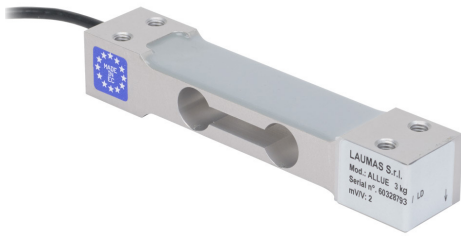




ALLUE Series - Single Point Load Cells

Overview



Part No. [ALLUE3](#)

The Laumas single point load cell delivers exceptional accuracy with capacities ranging from 3 kg to 30 kg. An IP65 rating ensures reliable performance in tough environments. The ALLUE is a great solution for industrial weighing applications and has a STAFFEALLMONT accessory that allows using the load cell in tension applications (sold separately). Laumas load cells are manufactured in Europe to high quality specifications and standards.

Features

- High level of accuracy $\pm 0.02\%$ full scale
- Can handle off-center loads for platforms up to 250 x 350mm
- Tough corrosion-resistant anodized aluminum alloy
- 150% overload rating prevents damage and extends sensor lifespan
- -22 to +185 °F [-30 to +85 °C] operating temperature range
- Ideal for platform scales, conveyor systems, and small hopper applications
- Integrated shielded 4-conductor cable
- IP65 protection rating
- Made in Spain



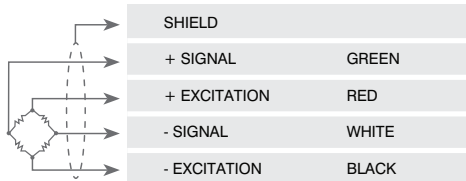
ALLUE Series Single Point Load Cells												
Part Number	Load Rating	Material	Accuracy	Rated Output	Operating Voltage	Output Resistance	Electrical Connection	Price	Weight (lbs)	Drawing Link	Manufacturer Technical Specifications	Manufacturer Installation Guidelines
ALLUE3	6.6 lb / 3 kg	Aluminum alloy	$\pm 0.02\%$ of full scale	2 mV/V	3-15 VDC	350Ω	1.6ft / 0.5m integral 4-wire shielded cable	\$122.00	0.42	PDF	PDF	PDF
ALLUE10	22 lb / 10 kg							\$122.00	0.44	PDF		
ALLUE20	44 lb / 20 kg							\$122.00	0.44	PDF		
ALLUE30	66 lb / 30 kg							\$122.00	0.45	PDF		

Note: For additional wiring, specifications and installation information, refer to the additional Manufacturer Specs and Manual PDFs.

ALLUE Series Single Point Load Cells - Accessory							
Item Photo	Part No.	Description	Material	Price	Weight (lbs)	Drawing Link	Manufacturer Installation Guidelines
	STAFFEALLMONT	Laumas tension bracket, stainless steel, 110 lb / 50 kg. For use with Laumas ALLUE series load cells.	Stainless steel	\$54.00	1.21	PDF	PDF

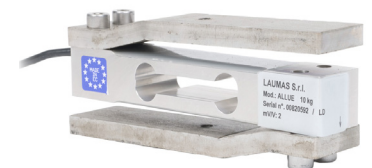
Note: For additional wiring, specifications and installation information, refer to the additional Manufacturer Specs and Manual PDFs.

Wiring



Sizing of load cells capacity

For static weighing, it is advisable to implement a safety factor and only use load cells at a maximum of 70-80% of its nominal capacity (assuming that the load is uniformly distributed over the entire weighed structure). Dynamic loads require the consideration of additional introduced forces that contribute to the total maximum load on the load cell.



ALLUE load cell shown with attached tension bracket [STAFFEALLMONT](#).