



AZLUE Series - Single Point Load Cells

Overview

The Laumas single point load cell delivers exceptional accuracy with capacities ranging from 10 kg to 100 kg. An IP65 rating ensures reliable performance in tough environments. The AZLUE is a great solution for industrial weighing applications and has a [T8AZL](#) accessory for small weighing systems that require at least 3 weighing points (sold separately). Laumas load cells are manufactured in Europe to high quality specifications and standards.



Part No. [AZLUE10](#)

Features

- High level of accuracy $\pm 0.02\%$ full scale
- Can handle off-center loads for platforms up to 400 x 400mm
- 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



AZLUE 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
AZLUE10	22 lb / 10 kg	Aluminum alloy	$\pm 0.02\%$ of full scale	2 mV/V	3-15 VDC	350 Ω	6.5ft / 2m integral 4-wire shielded cable	\$142.00	0.88	PDF	PDF	PDF
AZLUE20	44 lb / 20 kg							\$142.00	0.89	PDF		
AZLUE50	110 lb / 50 kg							\$142.00	0.90	PDF		
AZLUE100	220 lb / 100 kg							\$142.00	0.92	PDF		

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

AZLUE Series Single Point Load Cells - Accessory								
Item Photo	Part No.	Description	Material	Price	Weight (lbs)	Drawing Link	Manufacturer Technical Specifications	Manufacturer Installation Guidelines
	T8AZL	Laumas alignment mounting hardware, stainless steel, 440 lb / 200 kg. For use with Laumas AZLUE series load cells.	Stainless steel	\$87.00	3.85	PDF	PDF	PDF

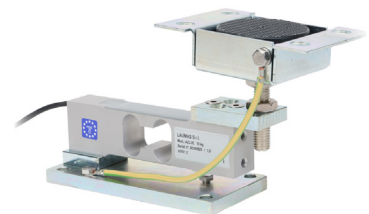
Note: For additional wiring, specifications and installation information, refer to the additional Manufacturer Specs and Manual PDFs.

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.



AZLUE load cell shown with attached alignment mounting hardware [T8AZL](#).