



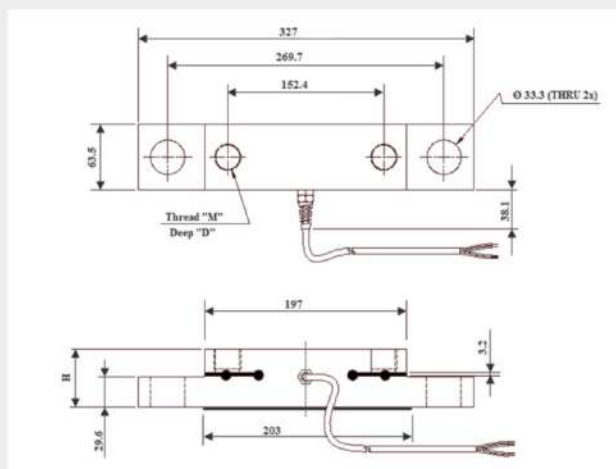
- Nickel plated alloy steel
- On board load cell
- IP67 rating
- Adhesive sealed
- Suitable for on board weighing

Capacity	Accuracy	Full Article description
15t	G10	AL10J-15t-30
15t	G10	AL10J-15t-31

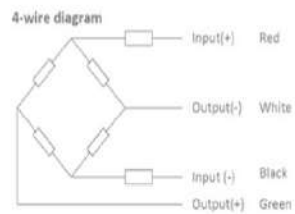
Specifications			
Accuracy class		G10	
Output sensitivity (= FS)	mV/V	0.500 ± 0.05 @ 6t	0.450 ± 0.05 @ 6t
Maximum capacity (E_{max})	t	15t-30	15t-31
Ratio of min. LC verification interval	$Y = E_{max} / V_{min}$	700	
Combined Error	%FS	≤ ± 1.000	
Minimum dead load	Of E_{max}	0 %	
Safe overload	Of E_{max}	120 %	
Ultimate overload	Of E_{max}	150 %	
Zero balance	of FS	< ± 2.0 %	
Excitation, recommended voltage	V	5 ~ 12	
Excitation maximum	V	18	
Input resistance	Ω	387 ± 25	
Output resistance	Ω	350 ± 3.5	
Insulation resistance	MΩ	≥ 5000 (at 50VDC)	
Compensated temperature	°C	-10~ +40	
Operating temperature	°C	-35 ~ +70	
Storage temperature	°C	-40~ +80	
Element material		Nickel plated alloy steel	
Ingress Protection (acc. to EN 60529)		IP67	
Recommended torque on fixation	ft. lbs.	1-14-UNS:170	1-12-UNF:150



Outline dimensions in mm



Wiring



- ▶ Shielded, 4 conductor cable
- ▶ Cable diameter: Ø 5 mm
- ▶ Standard cable length: 10 m
- ▶ Shield is not connected to element

Dimension Capacity	M	D	H
AL10J-15t-30	1-14-UNS	20.3	56.5
AL10J-15t-31	1-12-UNF	25.4	62