

ATL-242

TENSION LINK LOAD CELL



DESCRIPTION

ATL-242 is a tension link type load cell specifically designed to measure force or weight in a tension pulling application.



APPLICATIONS

- Cranes
- Construction
- Docks & Navel use
- Material Handling

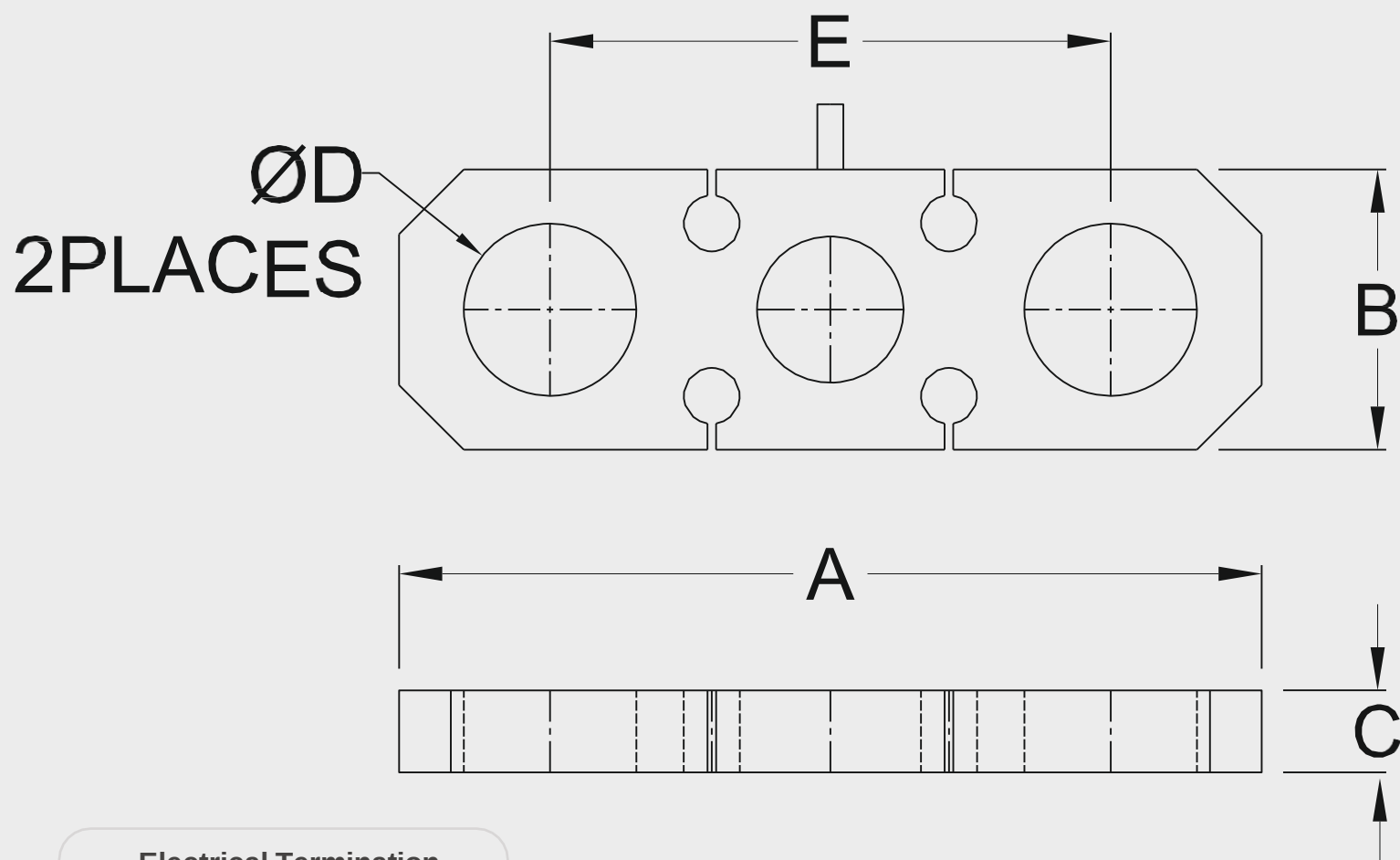


KEY FEATURES

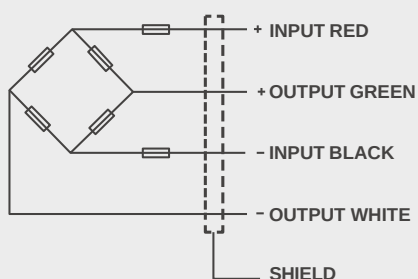
- Weighing Suspended Loads
- Crane & Hoist overload protection
- Wide capacity range
- Robust Material

SPECIFICATIONS

Rated capacity (Tonf.)	: 3, 5
Excitation Voltage	: 3 VDC - 15 VDC
Rated Output	: 2.0 mV/V
Non – Linearity	: < ± 0.015 % FSO (Full scale Output)
Hysteresis	: < ± 0.025 % FSO
Non-Repeatability	: < ± 0.1 % FSO
Creep error (30 minutes)	: < ± 0.1 % FSO
Zero Load Output	: ± 1.0 % FSO
Input Resistance	: 775 ± 15 Ohms
Output Resistance	: 700 ± 5 Ohms
Insulation Resistance	: > 1000 Mega Ohms
Side Load Allowed	: 50 % of Rated Capacity
Safe Overload	: 150 % of Rated Capacity
Ultimate Overload	: 250 % of Rated Capacity
Temperature Compensated Range	: 0 to 60° C
Temperature Effect on Output	: < 0.005 % FSO/° C
Temperature Effect on Zero	: < 0.003 % FSO/° C
Deflection	: < 0.5 mm at FSO
Finish & Construction	: Electroless Nickle Plated Tool Steel
Environment Protection	: IP 65
Cable Length	: 5 Meters



Electrical Termination



Capacity	A	B	C	D	E
3T, 5T	200	65	19	40	130