

Kelba Shearbeam Loadcell Model: KA-125N

General Specifications

Rated Capacity: 125kg
 Safe Load Limit: 187.5kg (static)

Construction: Tool steel
 Protection: Electroless Nickel
 Cell Weight: 0.4kg

Electrical

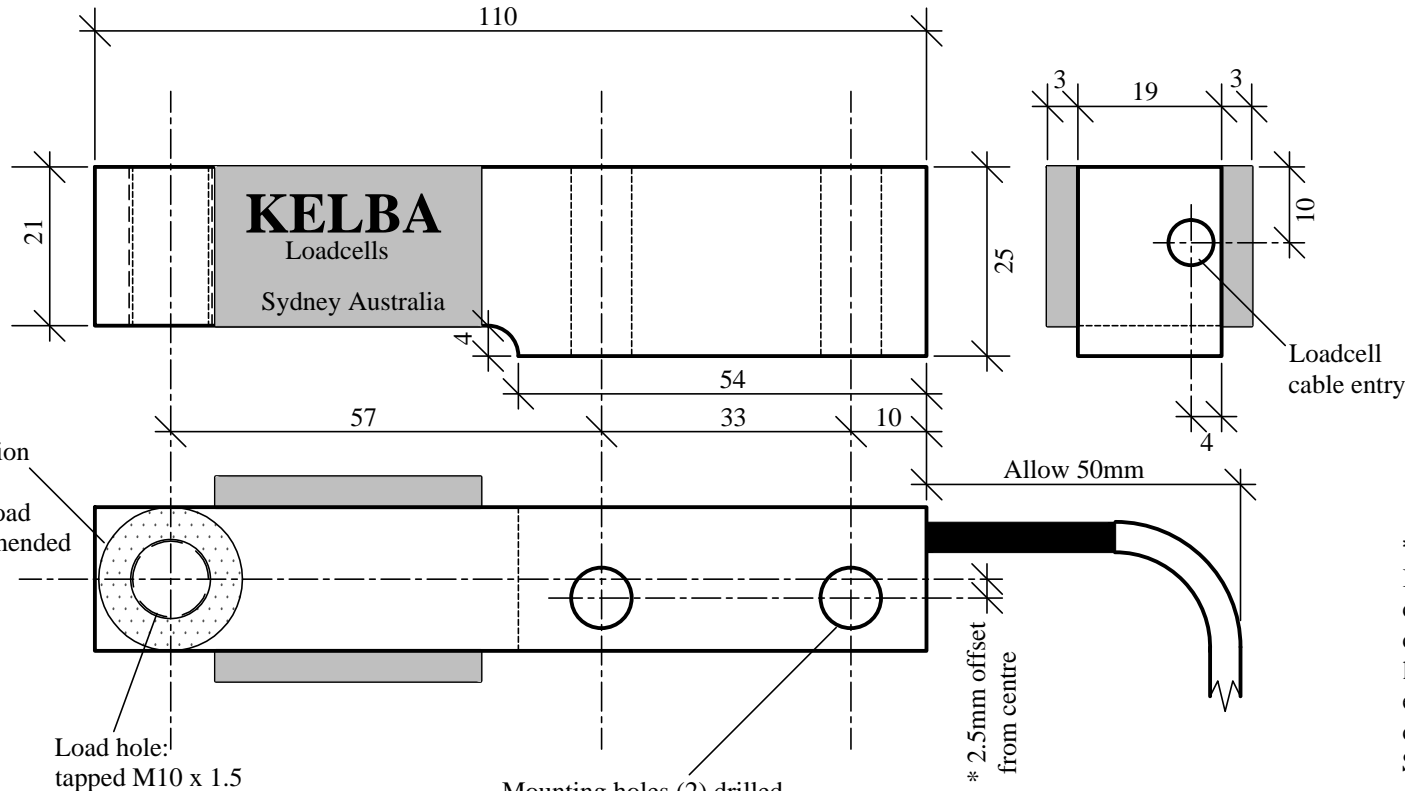
Excitation Voltage: 5 - 15 V.D.C.
 Output at rated: 2.2mv/V +/- 0.25% capacity
 Cable length: 6000mm (std)
 Input impedance: 380 ohm +/- 6% (black to red)
 Output impedance: 350 ohms +/- 2 (green to white)

Environmental: IP67
 Rating

* NOTE: Dielectric strength testing to: IEC 60079 -11:2011, Intrinsic safety "i", clause 6.3.13, 10.3 and therefore classified as "Simple Device" suitable for hazardous and explosive dust environments subject to installation in compliance with the relevant Australian Standards.

Wiring colour code

Excitation + Red
 Excitation - Black
 Signal + Green
 Signal - White
 Shield Bare



Shaded section represents maximum load area recommended (19mm)

Load hole: tapped M10 x 1.5

Mounting holes (2) drilled M8 clearance - bolts to be 8.8 grade (min) hi-tensile socket head cap screw or hex. head bolt.
 Bolt length: Sufficient to ensure a min. of 1.25 x bolt diameter into mounting base plate

* NOTE: mounting hole centre line is offset 2.5mm from loadcell centre line

Bolt Torque: 22 Nm
 16.2 ft lb
 (M8 x 1.25 CLASS 8.8 Grade to AS1110)

Mounting Accessories

- Rubber Mount - see drg K-043-1
- Load button - see drg KLBM 10

Kelba Australia Pty. Ltd.					
Reference		KA-125-N Shearbeam Loadcell			
Date	1-10-2013				
Mod by	J. Dagang				
Approved		Drg No.	KA125-N-1	Rev	3
Scale	NTS			Date	1-10-13