

Kelba Shearbeam Loadcell Model: KA-500N

General Specifications

Rated Capacity: 500kg
 Safe Load Limit: 750kg (static)

Construction: Tool Steel
 Protection: Electroless Nickel
 Cell Weight: 0.7kg

Electrical

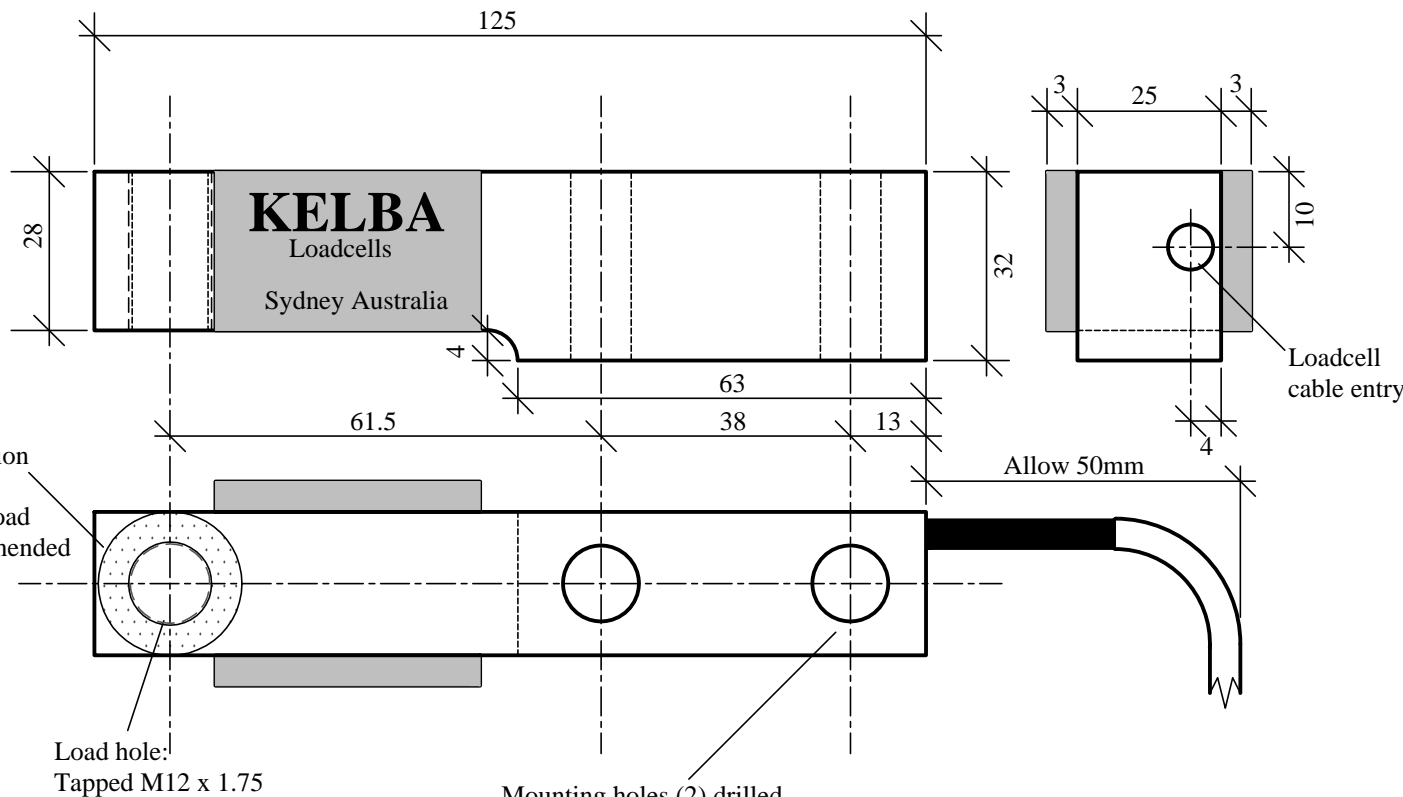
Excitation Voltage: 5 - 15 V.D.C.
 Output at rated: 2.2mv/V +/- 0.1% capacity
 Cable length: 6000mm (std)
 Input impedance: 380 ohm +/- 6% (black to red)
 Output impedance: 350 +/- 2 ohms (green to white)

Environmental Rating: IP67

* 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 (24mm)

Load hole: Tapped M12 x 1.75

Mounting holes (2) drilled M10 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

Bolt Torque: 44 Nm
 32.5 ft lb
 (M10 x 1.5 CLASS 8.8 Grade to AS1110)

Mounting Accessories

- Rubber Mount - see drg K-042
- Rubber Mount - see drg K-046
- Mounting Kit KMA - 500 - 2000N

Kelba Australia Pty. Ltd.

Reference		KA-500-N SHEARBEAM LOADCELL			
Date	1-9-2013				
Mod by	JeromeDagang				
Approved		Drg No.	KA-500-N-1	Rev	4
Scale	NTS			Date	26-9-13