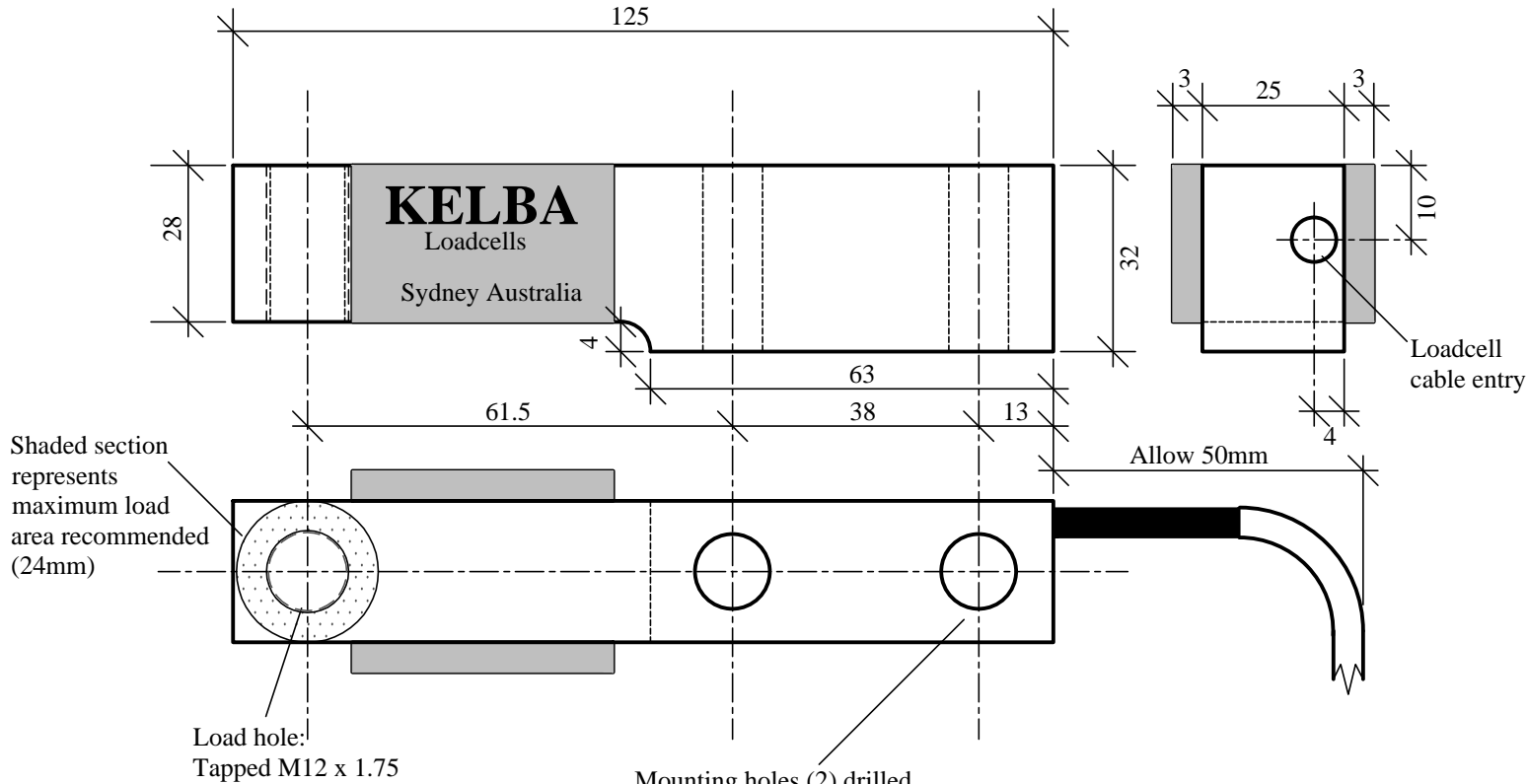


# Kelba Shearbeam Loadcell Model: KA-500S



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)

## General Specifications

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

Construction: Stainless Steel  
Protection: NA  
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: 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

## Mounting Accessories

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

Kelba Australia Pty. Ltd.					
Reference		KA-500-S SHEARBEAM LOADCELL			
Date	1-10-2013				
Mod by	Jerome Dagang				
Approved		Drg No.	KA-500-S-1	Rev	4
Scale	NTS			Date	1-10-2013