

# Kelba Shearbeam Loadcell Model: KA-1000S

## General Specifications

Rated Capacity: 1000kg  
 Safe Load Limit: 1,500kg (static)

Construction: Stainless Steel  
 Protection: NA  
 Cell Weight: 0.7kg

## Electrical

Excitation Voltage: 5 - 15 V.D.C.  
 Output at rated: 2.2mv/V +/- 0.5% capacity

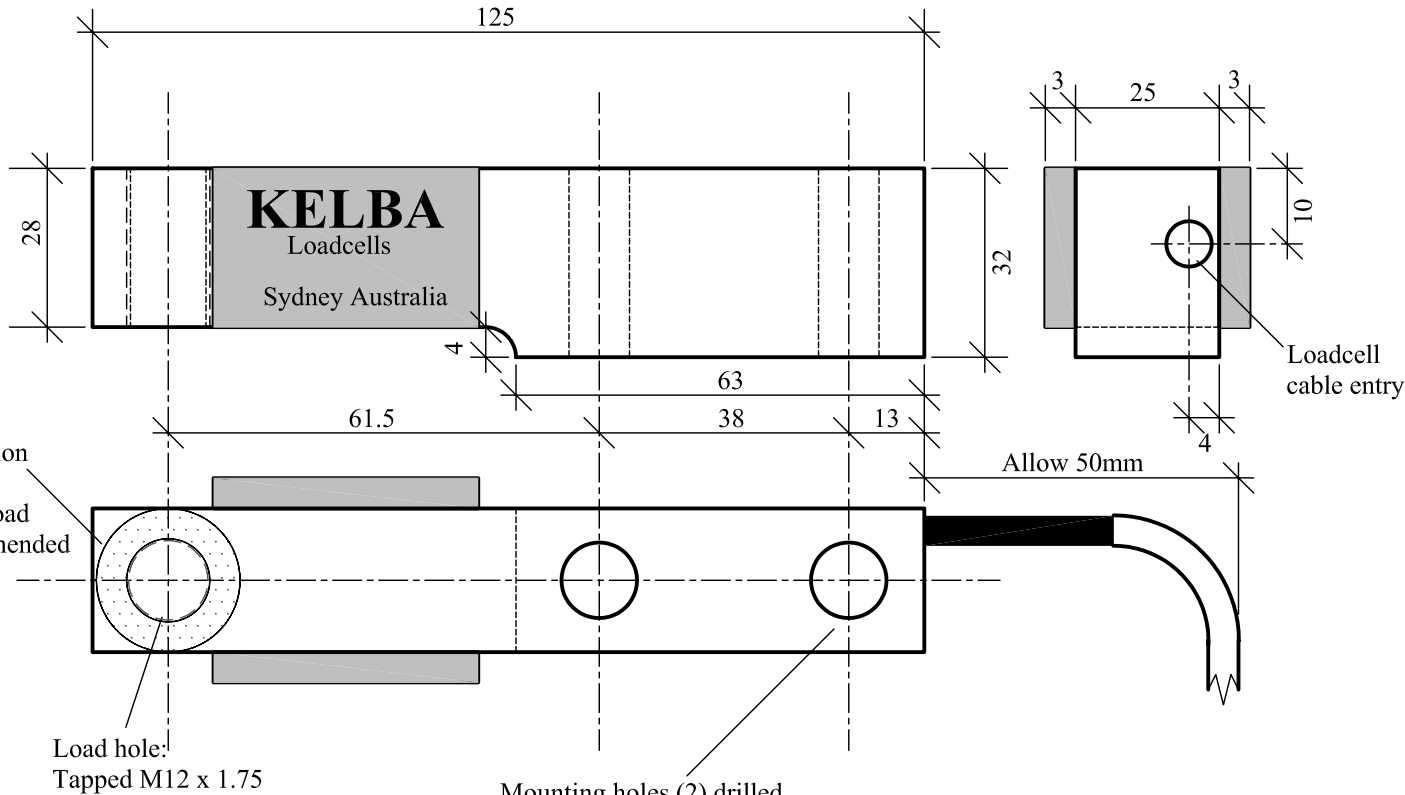
Cable length: 6000mm (std)  
 Input impedance: 380 ohm +/- 6% (black to red)  
 Output impedance: 350ohm +/- 0.2% (green to white)

Environmental Rating: IP67

\* NOTE: Classified by Londonderry Occupational Safety Centre as a "Simple Device" and therefore 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 Foot - see drg K-042
- Rubber Mount - see drg K-046
- Mounting Kit KMA - 500 - 2000 S

Kelba ( Australia ) Pty Ltd					
Reference		KA-1000-S SHEARBEAM LOADCELL			
Date	14-11-06				
Mod by	M.Rodrick				
Approved		Drg No.	KA-1000-S-1	Rev	2
Scale	NTS			Date	14-11-06