

Kelba Shearbeam Loadcell Model: KA-250S

General Specifications

Rated Capacity: 250kg
 Safe Load Limit: 375kg (static)

Construction: Stainless steel
 Protection: NA
 Cell Weight: 0.4kg

Electrical

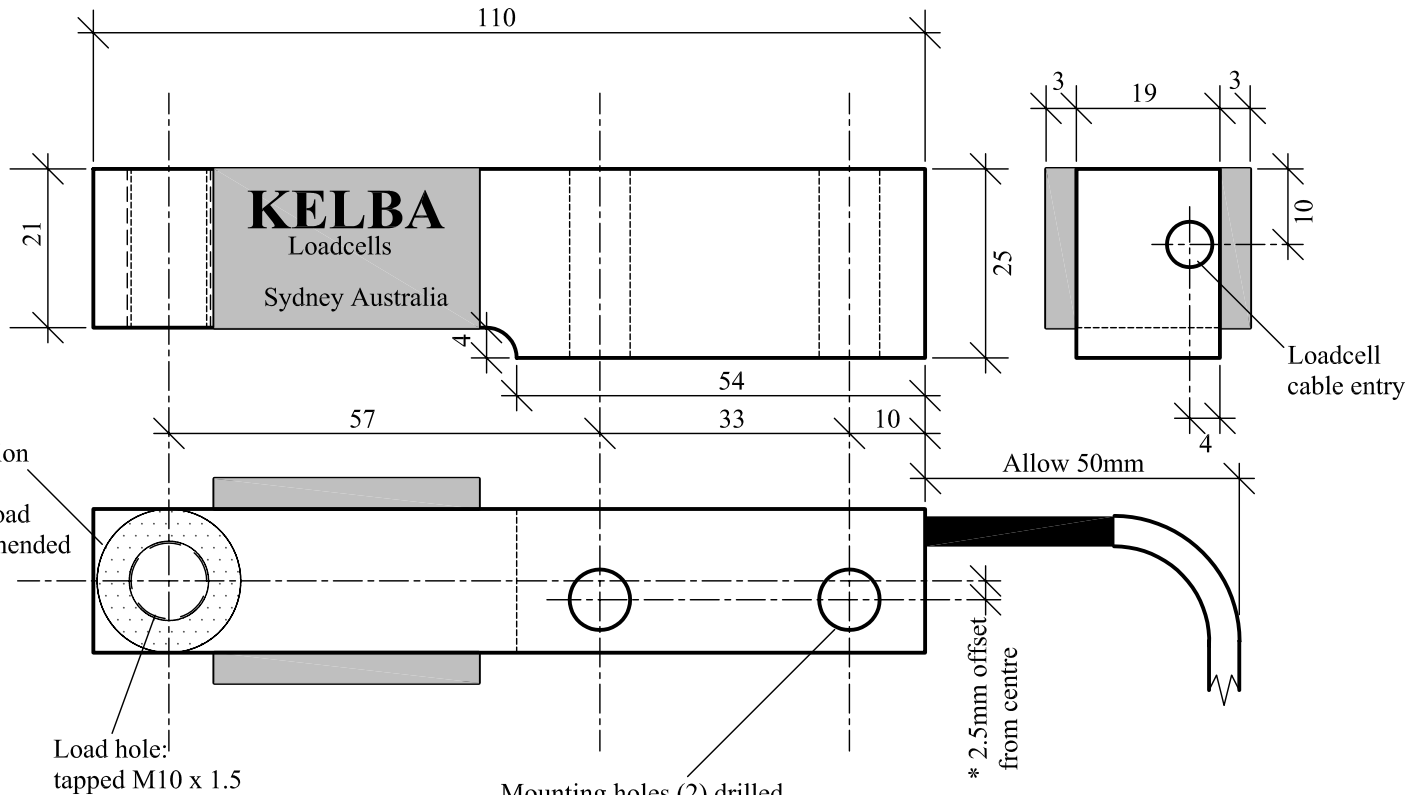
Excitation Voltage: 5 - 15 V.D.C.
 Output at rated: 2.2mV/V +/- 0.5% capacity
 Cable length: 6000mm (std)
 Input impedance: 380 ohm +/- 6% (black to red)
 Output impedance: 350ohm +/- 0.2% (green to white)

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 (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-250-S SHEARBEAM LOADCELL			
Date	14-11-06				
Mod by	M.Rodrick				
Approved		Drg No.	KA-250-S-1	Rev	2
Scale	NTS			Date	14-11-06