

Kelba Shearbeam Loadcell Model: KA-1000N

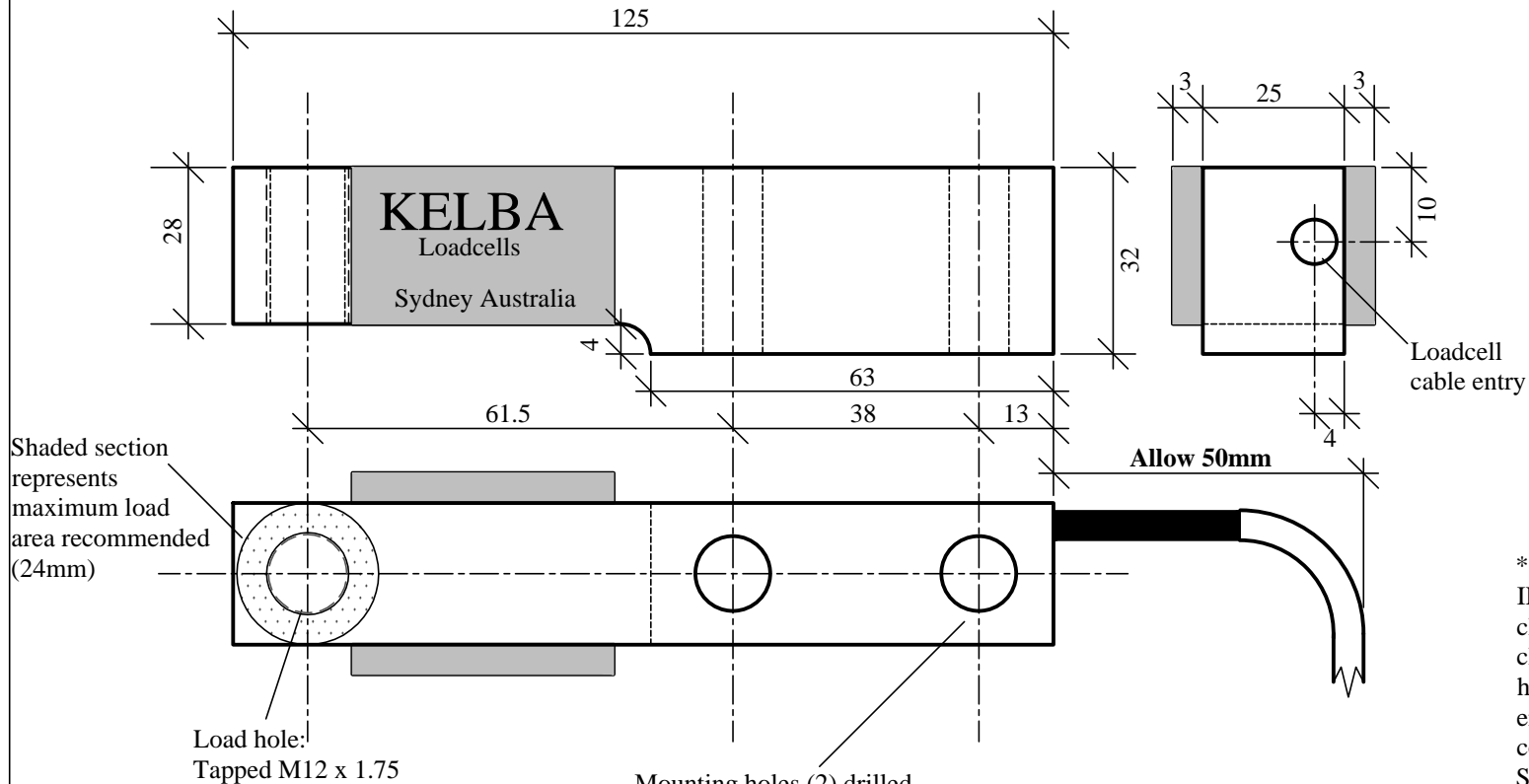
General Specifications

Rated Capacity:	1000kg
Safe Load Limit: (static)	1,500kg
Construction:	Tool Steel
Protection:	Electroless Nickel
Cell Weight:	0.7kg
Electrical	
Excitation Voltage:	5 - 15 V.D.C.
Output at rated: capacity	2.2mv/V +/- 0.1%
Cable length:	6000mm (std)
Input impedance: (black to red)	380 ohm +/- 6%
Output impedance: (green to white)	350 +/- 2 ohms
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 Foot - see drg K-042
- Rubber Mount - see drg K-046
- Mounting Kit KMA - 500 - 2000 N

Kelba Australia Pty. Ltd.

Reference		KA-1000-N SHEARBEAM LOADCELL			
Date	11-9-2013				
Mod by	Jerome Dagang				
Approved		Drg No.	KA-1000-N-1	Rev	3
Scale	NTS			Date	11-9-2013