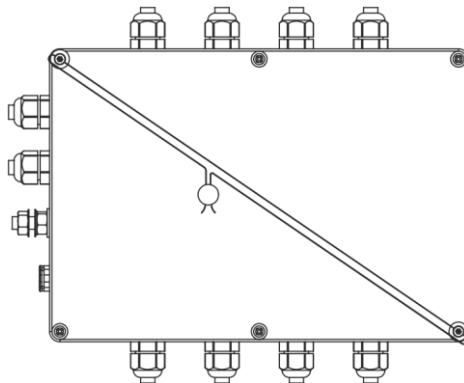




EXCELL® EXCELL PRECISION CO., LTD.

EXCELL Junction Box (8 Load Cell Inputs) User Manual

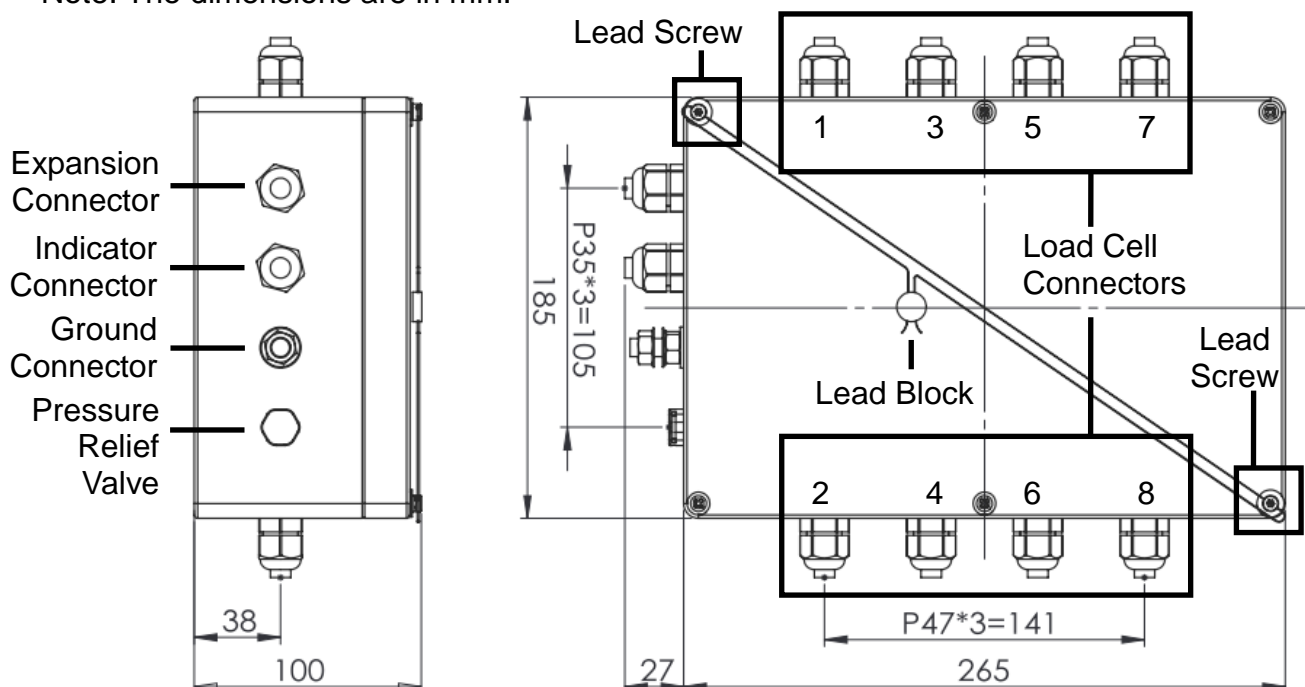


PRODUCT FEATURES

- ◆ IP66 waterproof with PC cases (flame class: HB) and nylon PA66 clamping glands.
- ◆ 8 load cell inputs
- ◆ Dimensions: 185x265x100 mm
- ◆ Accepts cables from 3.5 mm to 7.0 mm in diameter
- ◆ Adjustments range: Approximately 4.2% of output for 350 ohm cells
- ◆ Unlimited extension for load cells connections
- ◆ Clamping gland torque 15 kg-cm or 1.5 N-m

PARTS AND DIMENSIONS

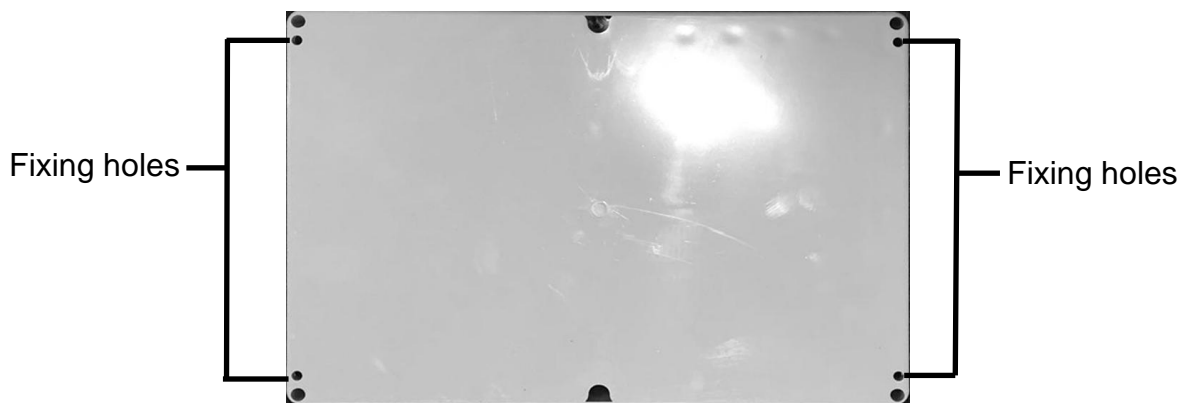
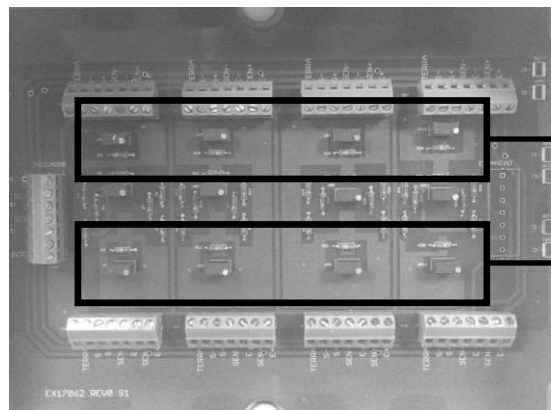
Note: The dimensions are in mm.





DESCRIPTIONS

The cornering PCB is housed in an IP66 sealed PC die-cast box which is secured to the underside of the platform via the fixing holes marked as shown on the photograph (NOTE: the holes may need to be drilled through prior to installation). The load cell cables are connected to individual 5 way terminal blocks and each load cell connection is provided with a trim pot for cornering adjustment. The trim pot adjustment provides up to a maximum of 4.2% of cornering adjustment for a 350 ohm load cell.

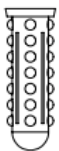


WALL-MOUNT OPTION

You can use wall plugs and stainless steel screws to mount your junction box on the wall.



Stainless steel screw x 4



Wall plug x 4