

Junction Box

FEATURES

- Painted cast aluminum
- Up to 4 transducers
- Clamp terminals
- Simple to install
- IP65
- Nickel plated cable glands: 4x M 16, 1x M 20

APPLICATIONS

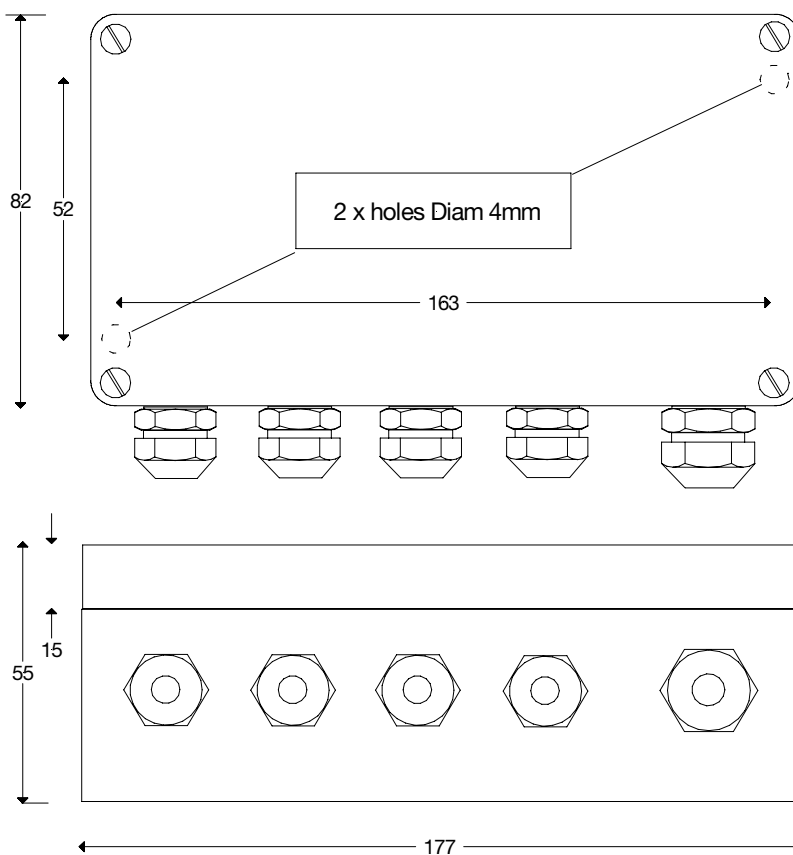
- All applications for weighing and force with up to 4 transducers

DESCRIPTION

The junction box allows fast and easy connection of up to four transducers to a single weighing instrument. It meets the requirements of IP65.



OUTLINE DIMENSIONS



Total weight with
cable glands : ~ 700gr

Junction Box

SPECIFICATIONS	
PARAMETER	VALUE
Capacity	Up to 4 transducers
Connections	Clamp terminals, ground screws
Storage temperature range	-25 to +85°C
Operating temperature range	-10 to +55°C
Box size	177 x 82 x 55 mm (L x W x H)

CONNECTIONS

LOAD CELL

LOAD CELL

LOAD CELL

LOAD CELL

Zero Gross setting

Resistor

6 Wires cable + shield:
Wire section = 0,5 mm²; Length : 100 m. Maxi

+ EXCIT.
+ SENSITIVITY
- EXCIT.
- SENSITIVITY
+ OUTPUT
- OUTPUT
SHIELD

TO WEIGHT TRANSMITTER
OR WEIGHT INDICATOR

Distance between cable measurement and power cables : 30 cm Mini.

CONNECTION BOX
TYPE SL11

GROUND CONNECTION

1a. Connect the signal cable screen to ground close to the instrument, or via the instrument. All cable screens are connected to ground screws on the circuit card.

1b. If connection to ground as per 1a is not possible, then use the enclosed wire to connect to the ground screw in the box.

NOTE: If you are using zener barriers you should connect to ground only at the barriers - not according to 1a or 1b.



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