Junction box

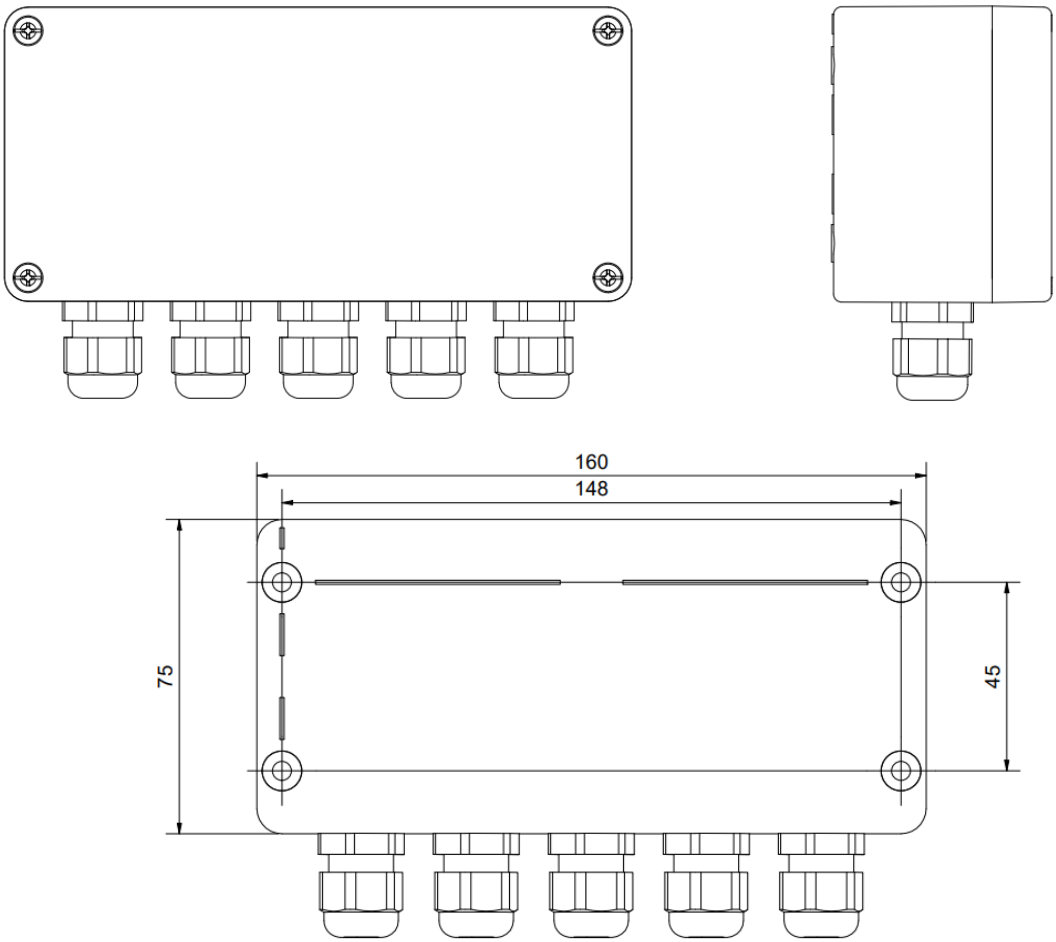
BOKS41-FI

- **Robust polyester junction box**
- **Possibility of connecting either two, three or four load cells**
- **IP67 Enclosure class**

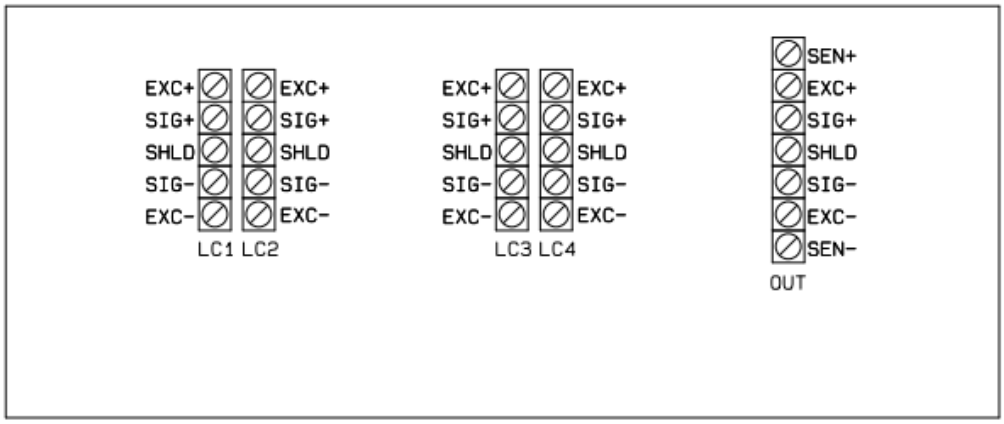
BOKS41-FI allows for easy connection of two, three or four load cells in one box without additional calibration. The junction box can be used when there is a need to connect several load cells, for example for truck weighing, weighbridges, floor scales, tanks, and silos. The connection between several load cells and an extension cable to a master control must be secured and protected in a safe manner. The junction box is equipped with a cable gland per load cell and a cable gland for the weighing instrument. The box is suitable for environments where the requirements for strength, hygiene, moisture and chemical resistance are high.

Specifications	
Connections	Screw terminals
Calibration	None
Temperatur (range)	-20 op til 60ºC
Enclosure & protection rating	Polyester IP67
Cable fittings	Plastic cable glands M16

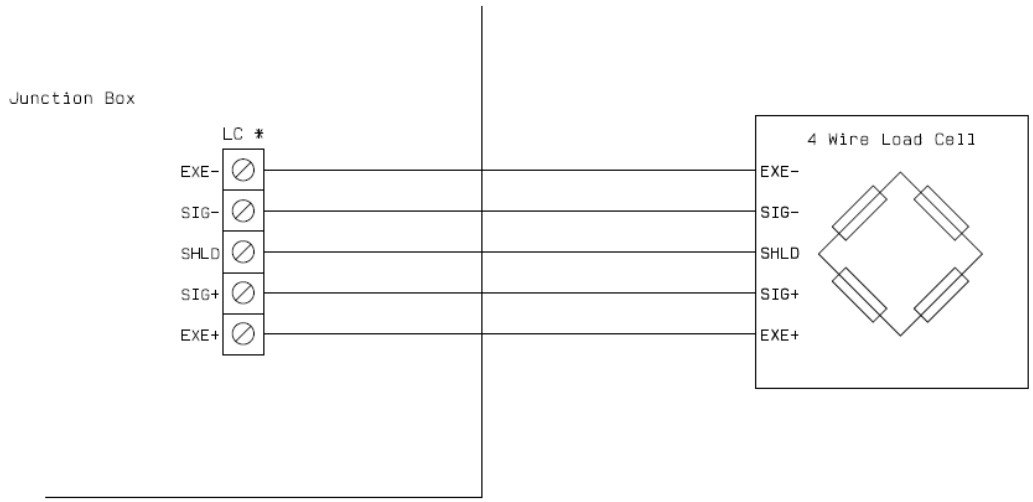
Mechanical layout BOKS41-FI



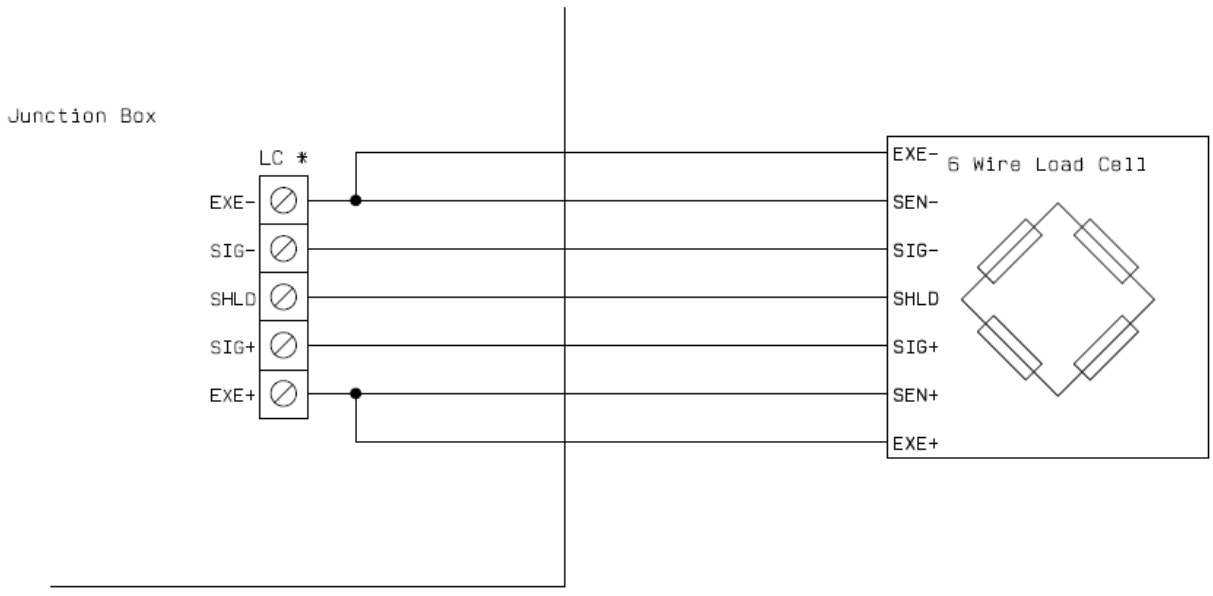
Electrical layout BOKS41-FI



Connecting a 4-wire load cell



Connecting a 6-wire load cell



EU Declaration of Conformity (No. 20181201)

1. Product model no.:
   BOKS41-FI
2. Name and address of the authorized representative:
   Tekfa A/S, Aarhusvej 201, 8464 Galten, Denmark
3. This declaration of conformity is issued under the sole responsibility of the manufacturer:
   Tekfa A/S, Aarhusvej 201, 8464 Galten, Denmark
4. Object of the declaration:
   Junction Box
5. The object of the declaration described above is in conformity with:
   Electromagnetic Compatibility 2014/30/EU
6. References to the relevant harmonized standards used or references to the other technical specifications in relation to which conformity is declared:
   (I) EN 61000-6-1:2007, EN 61000-3-2:2014
   (II) EN 61000-6-3:2007 + A1: 2011, EN 61000-3-3:2013
7. Where applicable, the notified body (a) performed (b) and issued the certificate (c):
   -
8. Where applicable, description of accessories and components, including software, which allow the radio equipment to operate as intended and covered by the EU declaration of conformity:
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9. Additional information:
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Signed for and on behalf of: Tekfa A/S

Galten, 2024-08-01

Kasper Borup Andersen, Managing Director & Head of Compliance

CE