



SP-4, SP-6

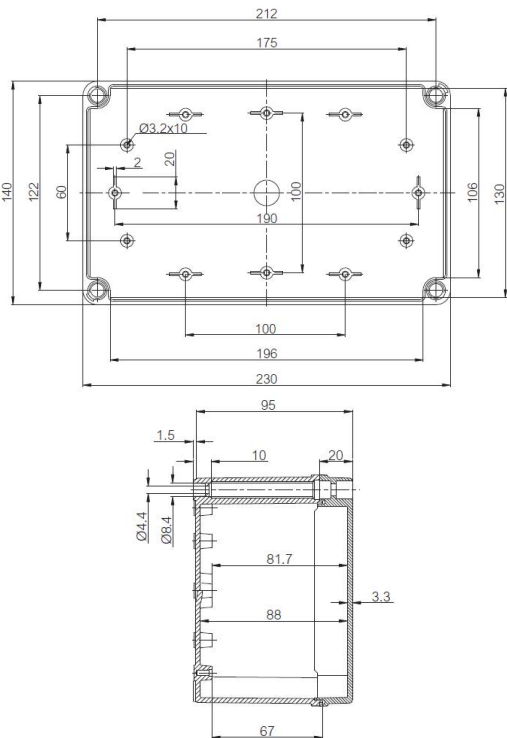
- ☐ load cell junction box
- ☐ parallel connection of up to 6 load cells
- ☐ 4-wire or 6-wire circuit
- ☐ IP 65 protection class
- ☐ ABS case

SP series load cell junction boxes enable quick and easy connection of 2 to 6 load cells in multi-load-cell weighing systems, such as tank and vessel scales. Their primary function is to combine the signals from individual load cells and ensure stable and accurate operation of the entire weighing system. The spacious enclosure provides sufficient room to store excess load cell cable inside the junction box, eliminating the need to shorten the cables, which is generally not recommended. With an IP65 protection rating, the enclosure effectively protects the electrical components against dust, moisture, and adverse environmental conditions.

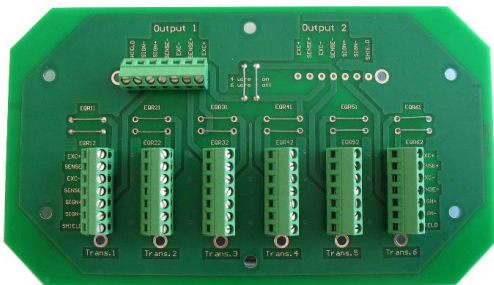
TECHNICAL DATA

Number of load cells	max. 6 load cells in a 4-wire or 6-wire circuit
Operating temperature	-10°C ÷ +60°C
Storage temperature	-25°C ÷ +85°C
Protection class	IP 65
Case	wall mounting case material: ABS upper plate screws material: Polyamide
Dimensions	case (WxHxD): 230 x 140 x 95 mm mounting holes spacing: 212 x 122 mm

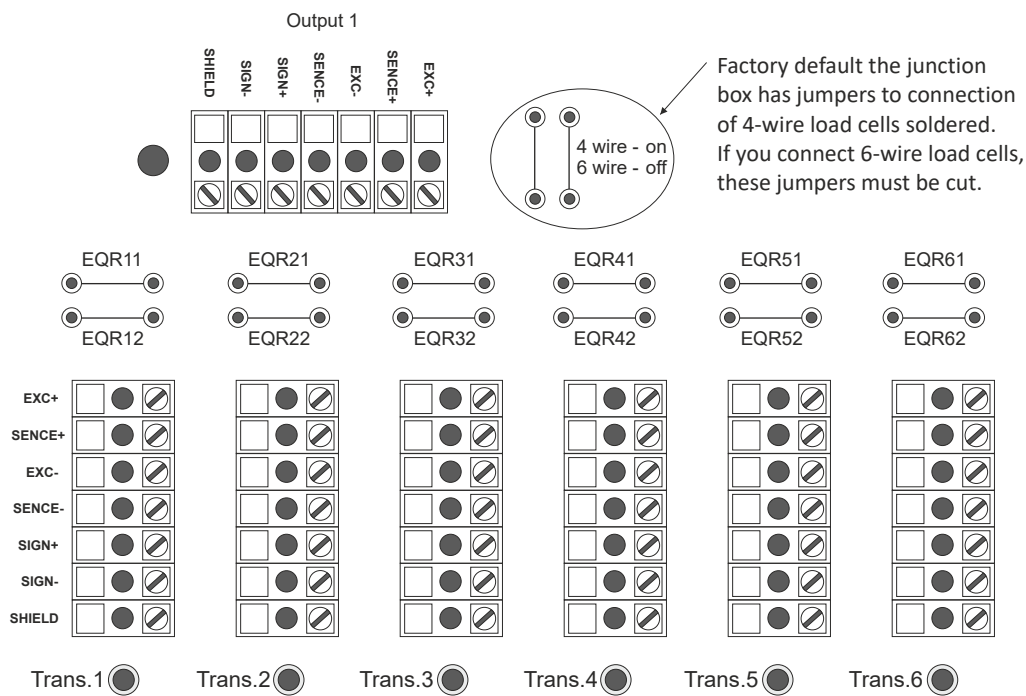
CASE DIMENSIONS



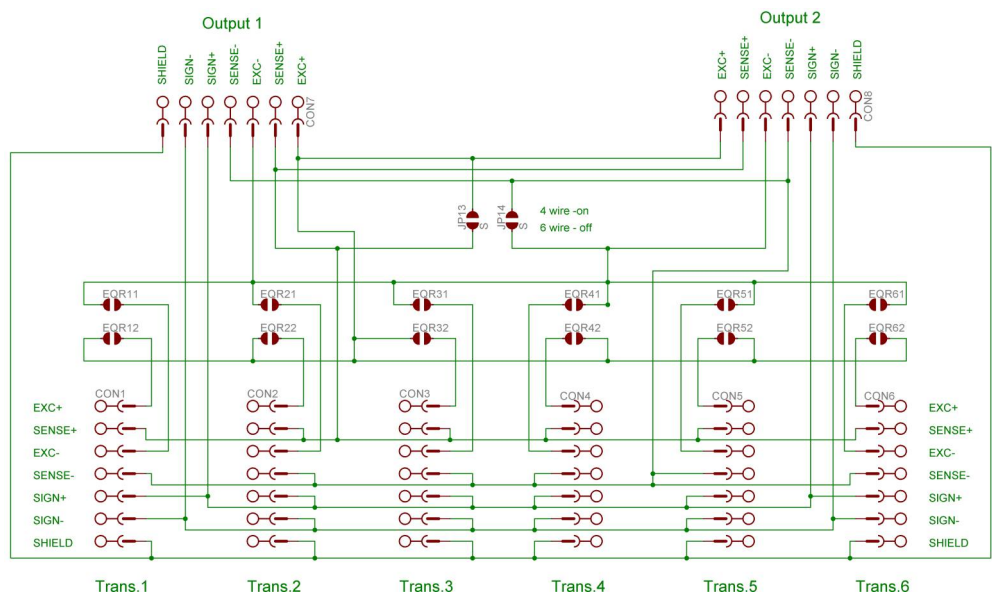
PCB BOARD VIEW (FOR SP-6)



CONNECTIONS (FOR SP-6)



WIRING DIAGRAM (FOR SP-6)



ORDERING

SP-X-001

load cells connected to the junction box:
4: up to 4.
6: up to 6

