



SEN-JB-GMS

Sensor Junction Box for GMS

Overview

The sensor junction box SEN-JB-GMS for GMS increases the flexibility of GMS-based systems in terms of topology.

The internal DC-DC converter provides a stabilized and insulated 15 VDC supply (max 400 mA) to the sensor(s), allowing for sensor cable lengths up to 1000 m.

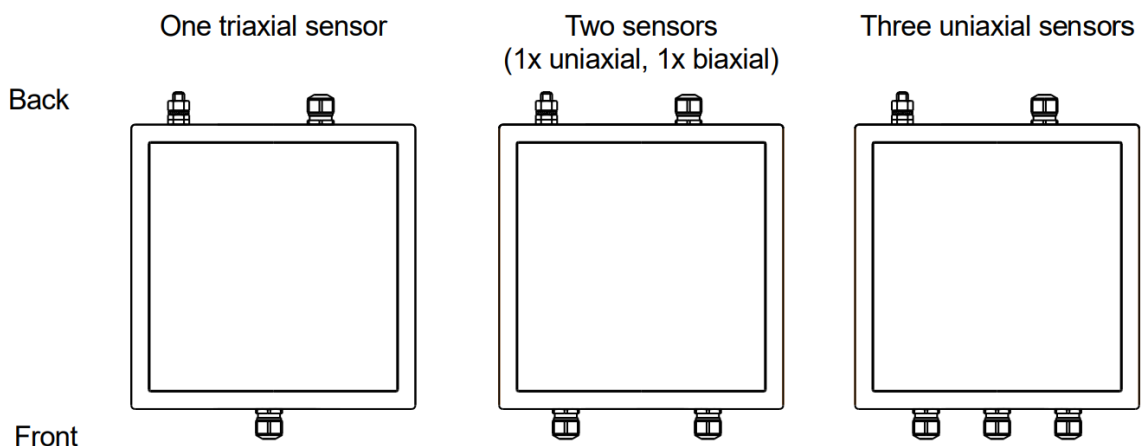
Furthermore, the SEN-JB-GMS can be used to combine uni- and/or bi-axial sensors on one connector of the GMS series.

Full overvoltage protection and an IP66 watertight housing make it a valuable accessory for any GMS-based measuring or monitoring system.

Key Features

- ▶ Junction box to allow for up to 1000 m sensor cable length
- ▶ Full overvoltage protection
- ▶ Incl. stabilized and insulated 15 VDC supply to sensor
- ▶ Up to 400 mA maximum delivered current
- ▶ Suitable for up to 3 channels
- ▶ IP66 watertight

Assembly Options



SEN-JB-GMS

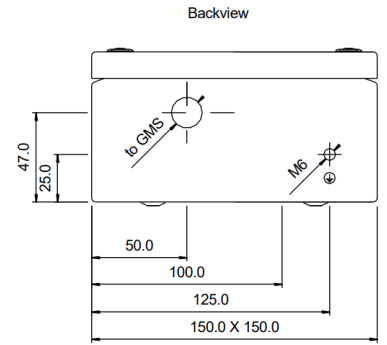
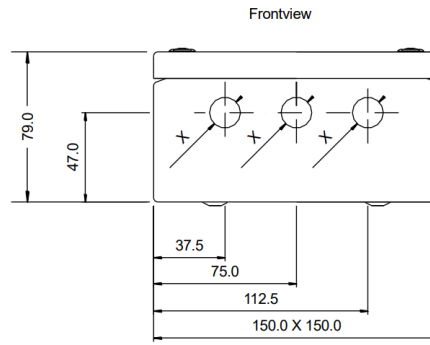
Specifications

General Characteristics

DC-DC converter: Internal, 15 VDC supply
 Channels: Up to 3 per JB
 Output current: Up to 400 mA (with 3 sensors connected)
 Sensor cable diameter: 8 to 15 mm

Environment / Housing

Size: 150 x 150 x 79 mm
 Weight: 2 kg
 Operating temperature: -30 °C to +80 °C (internal temperature)
 Storage temperature: -40 °C to +80 °C
 Index of protection: IP66



Sensor cable outer diameter:
X = 8.0 to 15.0 mm