

WIRELESS WEIGHING FROM MSI

MSI-9002 Summing Box

Network Solutions for Industrial Weighing and Process Control

Product Description

The MSI-9002 Breakout/Summing Box is an accessory to the MSI-9000 CellScale. It functions as a standard 4 in and 1 out Summing Box, but also has the unique ability to function as a 4 in and 2 out dual summing box. This allows two channels of the CellScale to access two pairs of summed load cells.

Terminals are provided to permit daisy-chaining of a second MSI-9002 module to allow access to more CellScale input channels.

The MSI-9002 has the high end feature of switches on each input allowing complete removal of summing sections for calibration, test and troubleshooting.

Each input is EMI filtered and transient protected.

Hardware Overview

Electronics

- 4 precision metal film summing resistors with 15 turn pots
- All inputs transient protected and EMI filtered
- Each input can be switched in or out
- Screwless terminals for all wires. Accommodates AWG 16 to 24 wire
- Designed for AC or DC excitation
- Uses signal trim summing

Housing

- Rugged milled aluminum, O-ring gasketed, NEMA 4, IP65 (NEMA 6, IP67 with optional connectors by special order)
- 8 waterproof feedthroughs for load cell cabling and 1 large feedthrough for output to CellScale

Cabling

- Comes with 3m (10ft) interface cable to the CellScale. Longer cables available by special order
- User supplies all other cables (usually part of the load cell or scale)
- Feedthrough connectors accommodate round cables with diameters from 4mm (0.16in) to 8mm (0.31in)

Specifications

Dimensions

- 223mm x 140mm x 48mm (50mm including cover screws)
- 8.75in x 5.5in x 1.9in (1.925in including cover screws)

Weight

1.6kg (3.5lb)

Summing Impedance

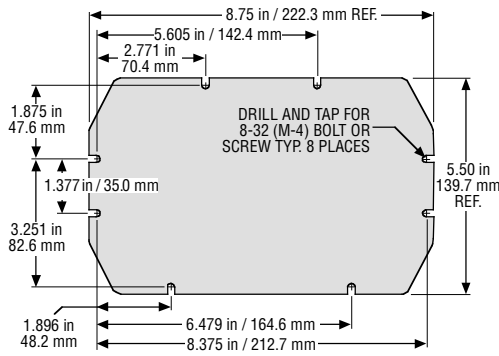
1,000 ohm per signal lead

Temperature

Operating / Storage:
40°C to +70°C (-40°F to +158°F)

RFI/EMI Shielding

Exceeds NIST HB44 and CE Standards



ENCLOSURE DIMENSIONS



Specifications subject to change without notice.

PUB.257-03-00E Printed in U.S.A.
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"We weigh quality first"



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