



MODEL IAC200

1–4 Channel Summing Junction Box

AVAILABLE AMPLIFIER: ± 5 VDC, ± 10 VDC, 4–20 mA, ANALOG OUTPUT (OPTIONAL)

FEATURES

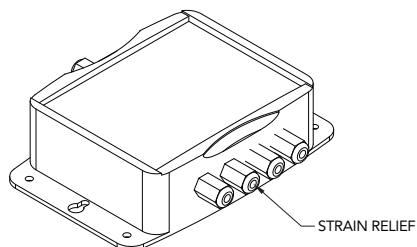
- Dip Switch Selectable Channels (1–4)
- Individual Span Adjustment For All 4 Channels
350 Ohm bridge - 13%
700 Ohm bridge - 24%
1000 Ohm bridge - 31%
- Easy Access Screw Terminal Blocks
- Cable Strain Relief To Support Cables From $\varnothing 0.08$ in [$\varnothing 2.0$ mm] to $\varnothing 0.25$ in [$\varnothing 6.35$ mm]
- Dual Mounting Holes

MATERIAL & MANUFACTURING

- High-Reliability PCB/Assembly (IPC CLASS III)
- High-Temperature Rated Material/BOM Items
- Strictly Controlled Inspection, Test, and Calibration Process
- Fully Controlled Handling/Packaging Process
- Extensive Test and Validation for 100% of Production Units
- Individual Calibration Report/Certification for Instruments and Systems

APPLICATIONS

- Medical
- Aerospace
- Precision Industrial Automation
- Lab & Field Instrumentation
- Precision Manufacturing



VERSIONS

ITEM #	Output
FSH04735 ¹	Non-Amplified Version, mV/V
FSH04933 ²	Amplified Version (Voltage), ± 5 VDC, ± 10 VDC
FSH04934 ²	Amplified Version (Current), 4–20 mA

¹For mV/V operation unplug ribbon connectors from J5 and J6, and change the DIP Switch Selection accordingly.²Refer to IAA100 (FSH04935)/IAA200 (FSH04936) spec sheet for Voltage/Current versions.

SPECIFICATIONS

GENERAL

Item Number	FSH04735, FSH04933, FSH04934
Material	UV Stable 94V-2 Polycarbonate
IP Rating	IP65/NEMA 4X Rated Housing

INPUT & OUTPUT

Amplified Voltage Version	See IAA100 (FSH04935) spec sheet
Amplified Current Version	See IAA200 (FSH04936) spec sheet
Non-Amplified Version	See sensor spec sheet

POWER

mV/V Version	See sensor spec sheet for Max Excitation
Amplified Version	16 to 26 VDC (FSH04933) or 12.5 to 26 VDC for (FSH04934)

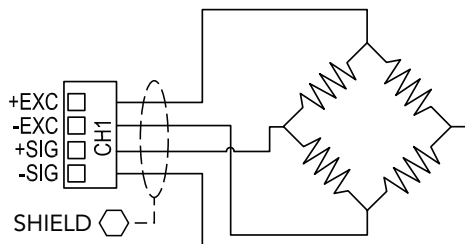
ENVIRONMENT

Operating Temperature	32°F to 158° [0°C to 70°C]
Storage Temperature	-40°F to 185°F [-40°C to 85°C]

OUTPUT CONNECTIONS

	PIN 1 IN +	PIN 2 IN –	PIN 3 OUT +	PIN 4 OUT –	N/C
STRAIN	+EXC	–EXC	+SIG	–SIG	SHIELD
VOLTAGE	+VIN	GND	VOUT	GND	SHIELD
CURRENT	+VIN	GND	IOUT	GND	SHIELD

SENSOR CONNECTIONS



RoHS



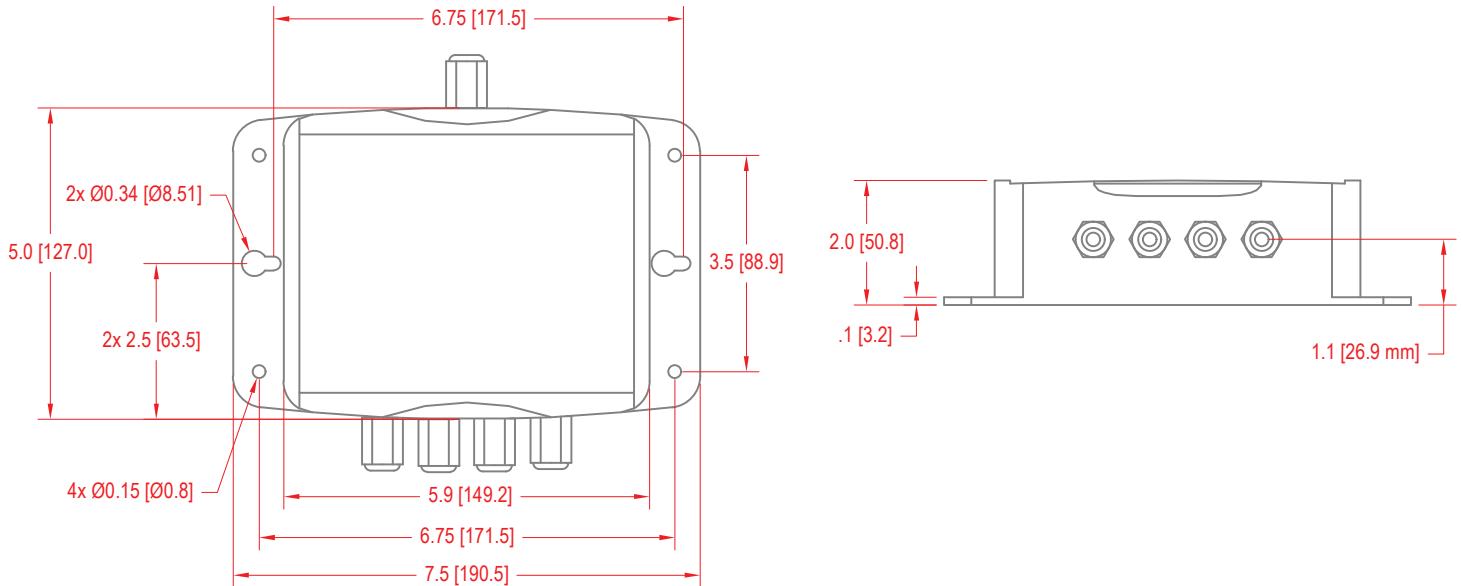


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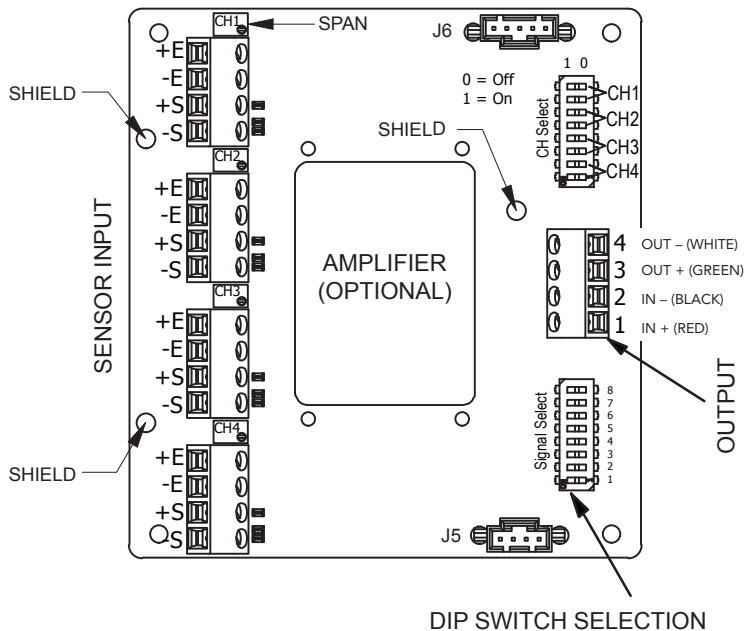
1–4 Channel Summing Junction Box

AVAILABLE AMPLIFIER: 4-20 mA, ANALOG OUTPUT (OPTIONAL)

DIMENSIONS inches [mm]



BOARD VIEW



DIP SWITCH SELECTION (SIGNAL SELECT)

	1	2	3	4	5	6	7	8
S (mV/V)	1	0	1	1	0	0	1	0
V (VDC) ⁴	0	1	1	0	1	0	0	1
I (mA) ⁴	0	1	1	0	0	1	0	1

⁴ Use with amplifier option only

Drawing Number: FI1556-A

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