

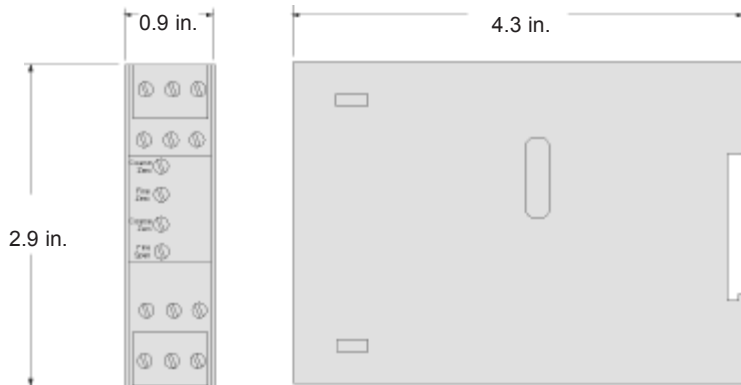
Model DV-05 DIN Rail Mount In-Line Amplifiers

Order Code BE151

- DIN Rail Mount
- Unamplified Transducer Input
- Bridge Based Transducer Input
- 0 to +/-5V 3-Wire Output
- RFI, ESD Protected CE



Dimensions



General

- Number of Channels.....One
- Case Material.....Plastic
- Mounting.....35 mm DIN
- Certification.....CE Approved

Environmental

- Temperature, Operating.....-40° to 200° F
- Temperature, Storage.....-40° to 200° F

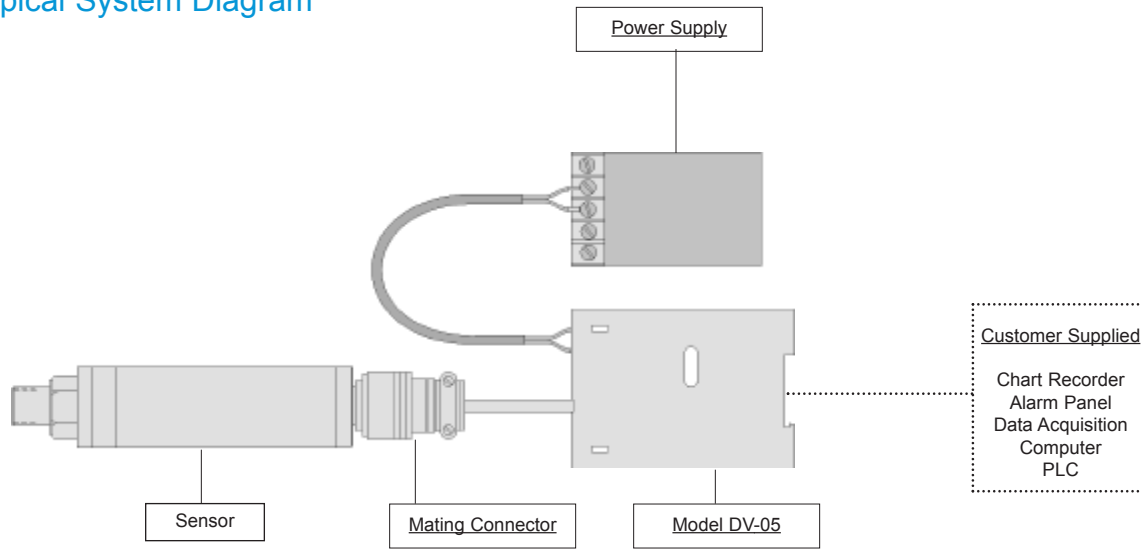
Transducer Interface

- Transducer Type.....Bridge based sensor
- Transducer Excitation.....3 or 5 VDC @ 30 mA (Short circuit protection)

Amplifier Characteristics

- Supply Voltage.....11-28 VDC
- Current Draw.....60 mA
- Zero Adjustment Range.....+/- 60% coarse adjustment
.....+/- 10% fine adjustment
- Span Adjustment Range.....Switch selectable 0.5 to 13.3 mV/V
.....+/- 20% fine adjustment
- Linearity.....+/- 0.01%
- Output.....+/- 5 VDC
- Output Current.....2 mA
- Frequency Response (-3 db).....DC-7,000 Hz with 350 Ohm bridge
.....DC-2,500 Hz with 5,000 Ohm bridge
- Rise Time (0 to 90%).....56 s with 350 Ohm bridge
.....145 s with 5,000 Ohm bridge
- Signal to Noise Ratio.....66 db
- DC Power Supply Rejection Ratio.....Greater than 110 db

Typical System Diagram



Options

	Built to Order
58e, 2 Pole Filter Option	1 Hz
	3 Hz
	5 Hz
	10 Hz
	20 Hz
	30 Hz
	50 Hz
	100 Hz
	300 Hz
	500 Hz
1,000 Hz	
	2,500 Hz (350 Ohm bridge)
	7,000 Hz (5,000 Ohm bridge)

■ Supplied as standard



-Not RoHS Compliant

How to Order

Combine the order code, the options code and the filter frequency.

Sample Code: **BE151** **58e, 50 Hz**
Order Code Filter with Frequency