

Model DV-10 DIN

Rail Mount In-Line Amplifier



DESCRIPTION

These in-line amplifiers feature DIN-rail mount enclosures with front accessible electrical connections and adjustments. Amplifiers are available for strain-gage transducers.

FEATURES

- DIN rail mount
- Unamplified transducer input
- Bridge-based transducer input
- 0 to ± 10 V three-wire output with 15 Vdc to 28 Vdc power
- 5.4 Vdc or 9 Vdc excitation @ 30 mA
- RFI, ESD protected
- CE approved

Model DV-10 DIN

PERFORMANCE SPECIFICATIONS

| Characteristic | Measure |
|--------------------|-------------|
| Number of channels | 1 |
| Case material | Plastic |
| Mounting | 35 mm DIN |
| Certification | CE approved |

ENVIRONMENTAL SPECIFICATIONS

| Characteristic | Measure |
|------------------------|------------------------------------|
| Temperature, operating | -29 °C to 82 °C [-20 °F to 180 °F] |
| Temperature, storage | -40 °C to 93 °C [-40 °F to 200 °F] |

TRANSDUCER INTERFACE

| Characteristic | Measure |
|-----------------------|---|
| Transducer type | Bridge-based sensor |
| Transducer excitation | 5.4 Vdc or 9 Vdc @ 30 mA (short circuit protection) |

AMPLIFIER CHARACTERISTICS

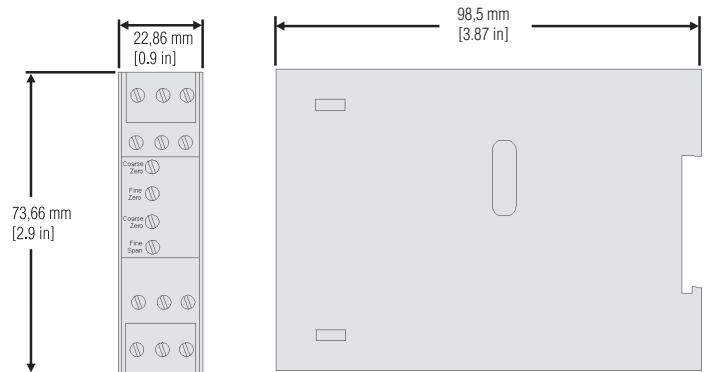
| Characteristic | Measure |
|-------------------------------|--|
| Supply voltage | 15 Vdc to 28 Vdc |
| Current draw | 60 mA |
| Zero adjustment range, coarse | ±30 % |
| Zero adjustment range, fine | ±5 % |
| Span adjustment range | Switch selectable 1.75 mV/V to 13.3 mV/V |
| Span adjustment range, fine | -8 to +20 |
| Linearity | ±0.01 % |
| Output | ±10 Vdc (three-wire) |
| Output current | 2 mA |
| Frequency response | dc -5000 Hz |

Not RoHS compliant

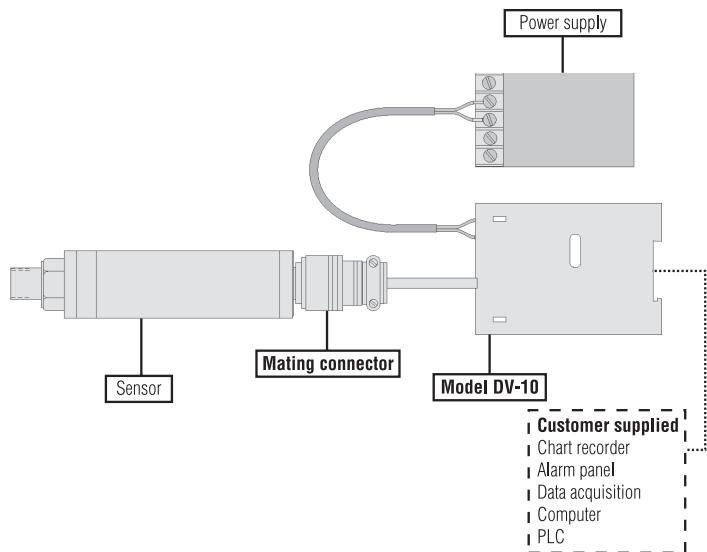
OPTION CODES

| 2-pole filter option | Many range/option combinations are available in our quick-ship and fast-track manufacture programs. Please see http://sensing.honeywell.com/TMsensor-ship for updated listings. | |
|----------------------------|--|---------------------------|
| 58e, 2-pole filter setting | 1 Hz | 100 Hz |
| | 3 Hz | 300 Hz |
| | 5 Hz | 500 Hz |
| | 10 Hz | 1000 Hz |
| | 20 Hz | 2500 Hz (350 ohm bridge) |
| | 30 Hz | 7000 Hz (5000 ohm bridge) |
| | 50 Hz | |

MOUNTING DIMENSIONS AND CHARACTERISTICS



TYPICAL SYSTEM DIAGRAM



Warranty. Honeywell warrants goods of its manufacture as being free of defective materials and faulty workmanship. Honeywell's standard product warranty applies unless agreed to otherwise by Honeywell in writing; please refer to your order acknowledgement or consult your local sales office for specific warranty details. If warranted goods are returned to Honeywell during the period of coverage, Honeywell will repair or replace, at its option, without charge those items it finds defective. **The foregoing is buyer's sole remedy and is in lieu of all warranties, expressed or implied, including those of merchantability and fitness for a particular purpose. In no event shall Honeywell be liable for consequential, special, or indirect damages.**

While we provide application assistance personally, through our literature and the Honeywell web site, it is up to the customer to determine the suitability of the product in the application.

Specifications may change without notice. The information we supply is believed to be accurate and reliable as of this printing. However, we assume no responsibility for its use.

For more information about Sensing and Control products, visit www.honeywell.com/sensing or call +1-815-235-6847
Email inquiries to info.sc@honeywell.com

⚠ WARNING
PERSONAL INJURY

- DO NOT USE these products as safety or emergency stop devices or in any other application where failure of the product could result in personal injury.

Failure to comply with these instructions could result in death or serious injury.

⚠ WARNING
MISUSE OF DOCUMENTATION

- The information presented in this catalogue is for reference only. DO NOT USE this document as product installation information.
- Complete installation, operation and maintenance information is provided in the instructions supplied with each product.

Failure to comply with these instructions could result in death or serious injury.

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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