

## 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  $\pm 10$  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

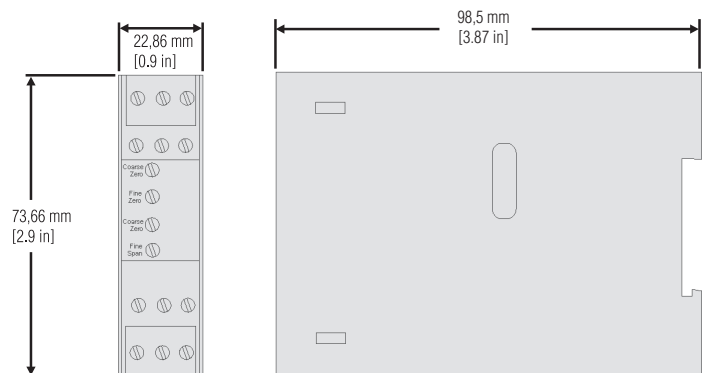
Characteristic	Measure
Supply voltage	15 Vdc to 28 Vdc
Current draw	60 mA
Zero adjustment range, coarse	±30 %
Zero adjustment range, fine	±5 %
Span adjustment range	Switch selectable 1.75 mV/V to 13.3 mV/V
Span adjustment range, fine	-8 to +20
Linearity	±0.01 %
Output	±10 Vdc (three-wire)
Output current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

Not RoHS compliant

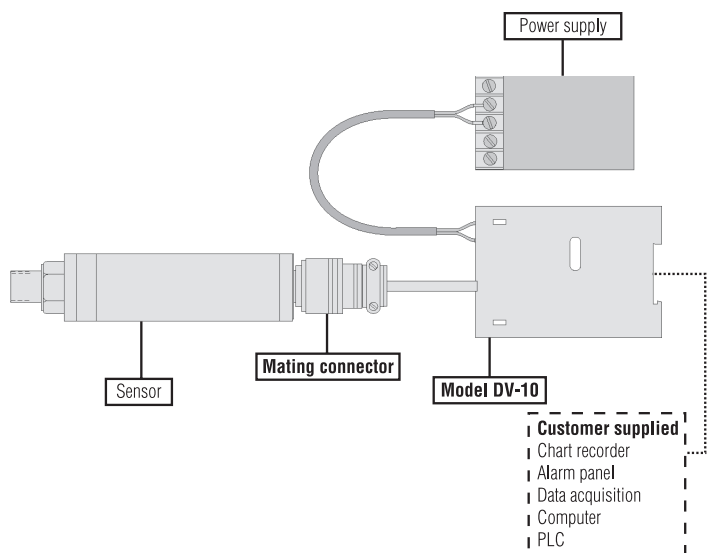
## OPTION CODES

2-pole filter option	Many range/option combinations are available in our quick-ship and fast-track manufacture programs. Please see <a href="http://sensing.honeywell.com/TMsensor-ship">http://sensing.honeywell.com/TMsensor-ship</a> 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](http://www.honeywell.com/sensing) or call +1-815-235-6847  
Email inquiries to [info.sc@honeywell.com](mailto: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.**

## Данный компонент на территории Российской Федерации

### Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

### Офис по работе с юридическими лицами:

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