

# SHUNT ISOLATOR

## SHUNT ISOLATOR

MODEL VT7

DC TO 500 HERTZ FREQUENCY RANGE

### FEATURES

- Amplifies mV shunt output to standard analog signal level.
- Input/output isolation.

### APPLICATIONS

- Shunt isolation.
- Bi-directional circuits.

INPUT mV	STANDARD OUTPUTS MODEL NUMBER VT7-			
	+/- 1mA	4-20mA	+/- 10Vdc	+/- 5Vdc
0 to 50	015B	015E	015D	015X5
0 to 100	016B	016E	016D	016X5
0 to 200	017B	017E	017D	017X5
0 to 250	018B	018E	018D	018X5

SHUNTS AVAILABLE - SEE PAGE 165.

### MODEL VT7 SPECIFICATIONS

#### INPUT

Voltage ..... See tables  
 Frequency Range ..... dc to 500 Hz.  
 Burden (OHMS) ..... Greater than 100K  
 Overload ..... 2 times full scale rating.  
 Dielectric Test..(Input/Output/Case) ..... 2500VAC

#### OUTPUT

Response (90%) ..... 1 milliSecond  
 Output Loading (OHMS)  
 ± 1mA ..... 0-10K  
 ± 10V, ± 5V ..... 2K min.  
 4-20mA ..... 0-500  
 Field Adjustable Cal. .... ± 10%

#### ACCURACY ..... ± 0.25% F.S. @ DC

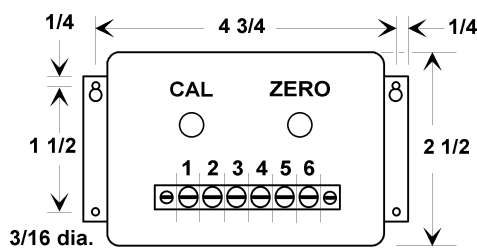
Includes effects of linearity and repeatability.  
 Temperature Effect (-10°C to 60°C) ..... ± 1.0% Rdg.  
 Instrument Power ..... 85-265VAC, 48-420 Hz., 5VA  
 ..... or 110-370 Vdc, 5VA



### ORDERING INFORMATION

Example: 0-50mV input with  
 4-20mA output.  
**VT7-015E**

### CASE DIMENSIONS

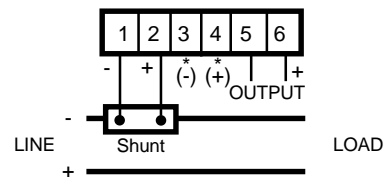


Case height 4 3/8

Weight 1.5 Lbs.

ALL DIMENSIONS IN INCHES

### CONNECTION DIAGRAMS



\*Instrument power-terminals 3, 4.  
 Shunt not included

50mV-250mV

**FLEX-CORE®**

Div. Morlan & Associates, Inc.

6625 McVey Blvd. Columbus, Ohio 43235

WWW.FLEX-CORE.COM

flexcore@msn.com

PHONE (614) 889-6152

TECH. ASSISTANCE (614) 876-8308

FAX # (614) 876-8538