

# AccuStar<sup>®</sup>

## Electronic Clinometer

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# *Operating Instructions and Installation Information*

CE

North American  
Operations

Schaevitz<sup>®</sup> Sensors  
A Division of Measurement Specialties, Inc.

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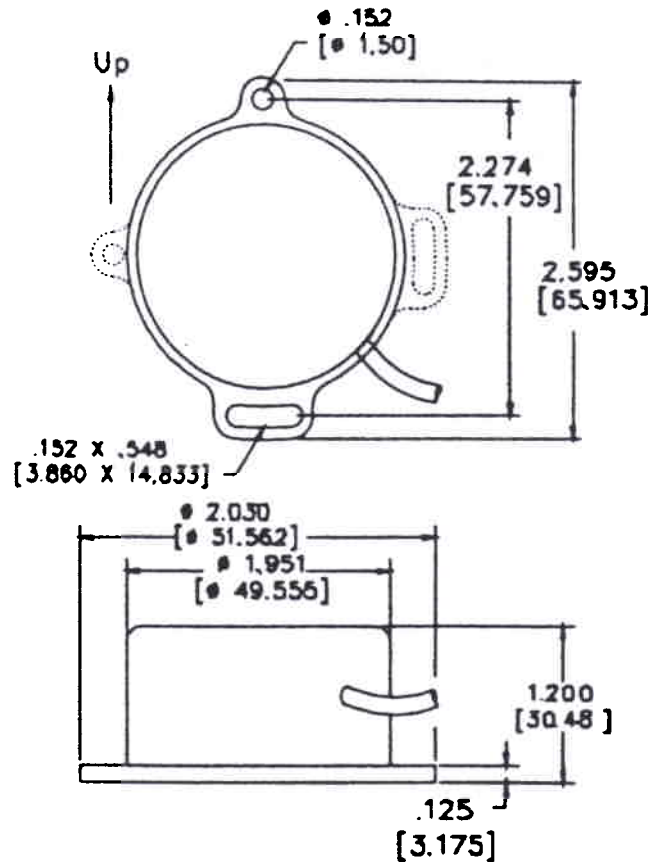
**CHAEVITZ  
SENSORS**

# MECHANICAL INSTALLATION

## Procedure

1. Prepare vertically oriented mounting plane with two holes for No. 6 (.138 inch dia.) screws spaced at 2.274 inches. Align the holes vertically or horizontally (shown as dotted lines) as required.
2. Remove grease and particulate matter from mounting plane and mounting face of clinometer.
3. Retain clinometer to mounting plane snugly with two No.6 screws with flat washers (not supplied).

**Note:** After electrical connections are made and power applied, clinometer may be mechanically nulled by rotating it through the range of the mounting slot.



# ELECTRICAL CONNECTIONS

## Ratiometric

Wire	Source
Black	Power ground
Red	+5 to +15 Vdc
Yellow	Signal output (ref. to pwr. ground)

## Analog

Wire	Source
Black	Power ground
Red	+8 to +15 Vdc
Gray	-8 to -15 Vdc
Blue	Signal output (ref. to pwr. ground)

## Digital

Wire	Source	Wire	Source
Black	Ground	Green	Polarity
Red	8 to 15 Vdc	Gray	PW1
Brown	Trigger 1	White	PW2
Blue	Trigger 2	Yellow	DPW

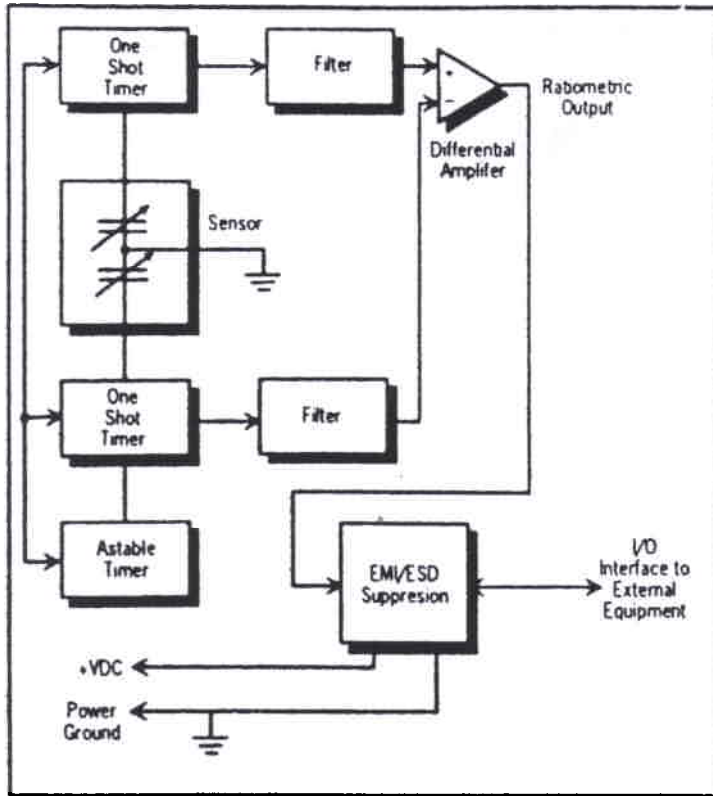
## Serial

Wire	Source
Black	Power ground
Red	5Vdc
Yellow	Data
White	Request / Hold
Gray	Ready / Wait

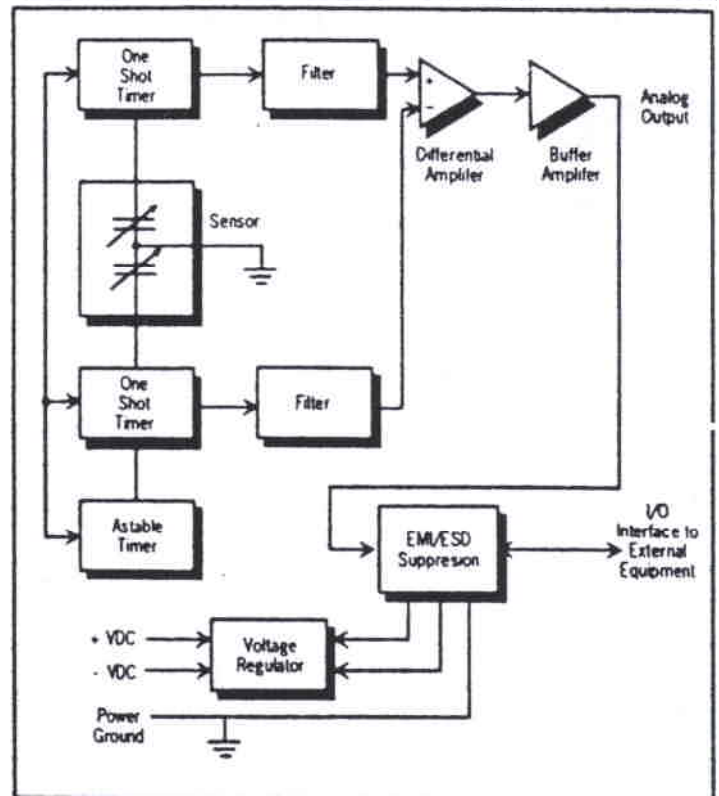
**Note:** Make all electrical connections prior to applying power.



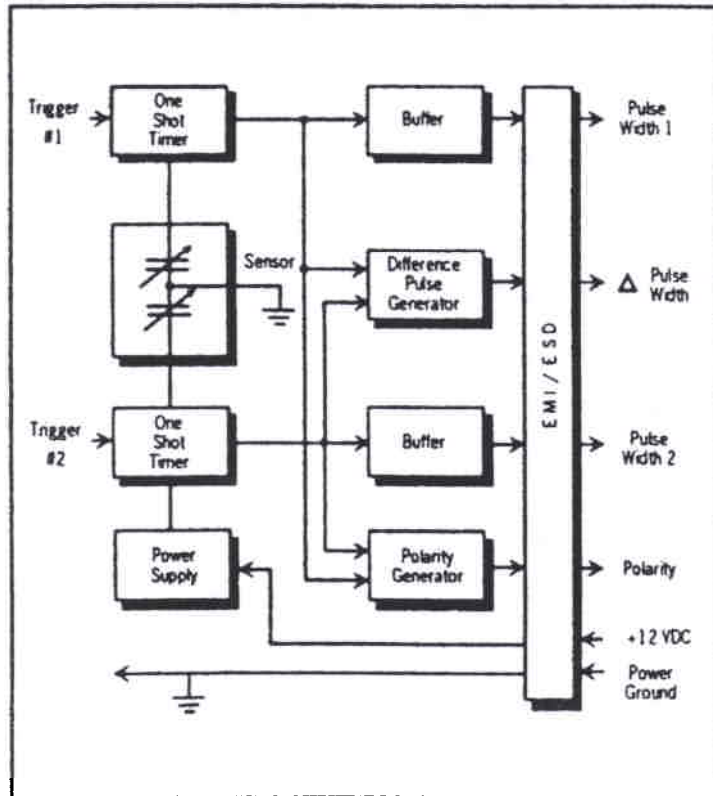
### RATIOMETRIC I/O BLOCK DIAGRAM



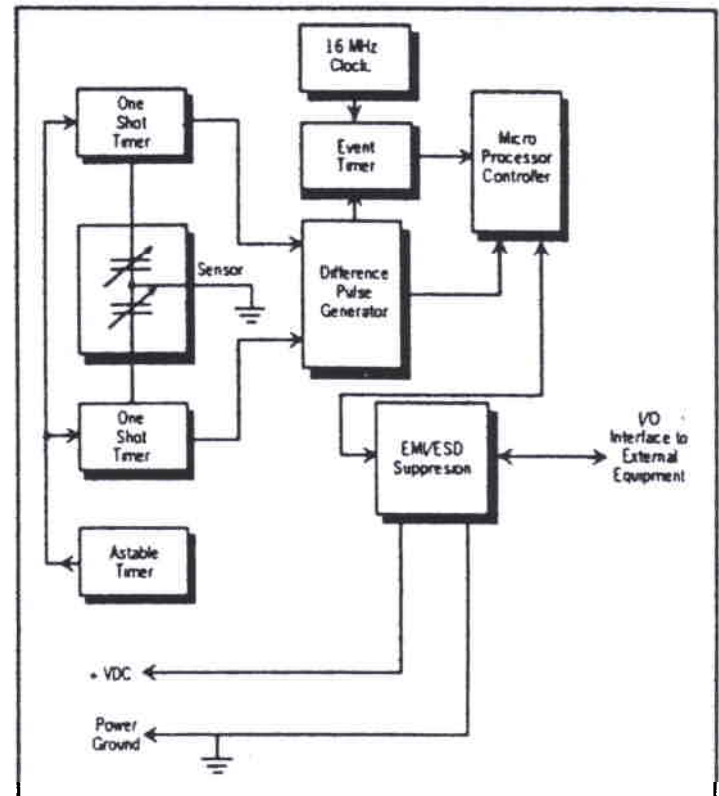
### ANALOG I/O BLOCK DIAGRAM



### DIGITAL I/O BLOCK DIAGRAM



### SERIAL I/O BLOCK DIAGRAM



# Distribuidor

Brasil e América do Sul

## CONTATO

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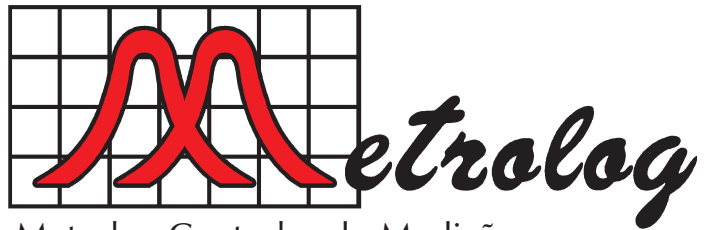
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Metrolog Controles de Medição