

# COUNTERS

AE SERIES - OPTION 230



## **COUNT EVENTS DISPLAY PRODUCTION COUNT FROM 5 FEET TO 500 FEET AWAY...**

AVAILABLE FOR ALL 1, 2, 3, 4, 5, AND 6 DIGIT *AE SERIES* DISPLAYS.

EASILY CONNECTS TO A VARIETY OF INPUT DEVICES INCLUDING:  
PUSH BUTTON SWITCHES, PHOTO-ELECTRICS, LIMIT SWITCHES, AND PLC'S.  
ISOLATED INPUTS FOR COUNT AND RESET ALLOW FOR LONG WIRE HOOKUP.

ADAPTS TO ALL TYPES OF SIGNALS SUCH AS:

DRY CONTACTS, TTL, 6V to 120V DC PULSES, OR 12V to 120V AC SIGNALS.

RETAINS COUNT ON POWER OUTAGES,

PROVIDES 12 TO 15 VDC OUTPUT TO POWER SENSORS.

SELECTABLE LEADING ZERO BLANKING.

OPTIONAL MASTER / DRIVER OUTPUT FOR MULTIPLE DISPLAY SYSTEMS

*AE SERIES DISPLAYS ARE AVAILABLE WITH 1", 2.3", 4", 8", AND 12" HIGH DIGITS.*

## **TWO YEAR WARRANTY**



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## DESCRIPTION

Option 230 provides a low speed (up to 25 HZ) counter input for the AE Series of Process Indicator Displays. They are available in 1, 2, 3, 4, 5, and 6 digit versions with digit sizes ranging from 1 inch high to 12 inches high. Standard signal types for COUNT and RESET include: Dry Contacts from limit switches, proximity detectors, or relays; DC Voltage Signals from PLC's, TTL Outputs (NPN or PNP) from instruments and detectors; and AC Voltage Signals from PLC's or other control equipment. The opto-isolated inputs allow the controls to be up to 1000 feet away from the display.

Other features include: Leading Zero Blanking, Sensor Power Output, and Custom Configurations.

For multiple display systems, the Master/Driver Option (348) can be added. This option allows you to connect up to 40 remote displays to the AE Series Process Indicator for displaying the same variable in many locations.

## SPECIFICATIONS

INPUTS:	THE COUNT AND RESET INPUTS ARE OPTO-ISOLATED FOR LONG WIRE HOOKUPS. THEY CAN BE SET UP FOR A VARIETY OF SIGNAL TYPES.
COUNT INPUT:	DRY CONTACT, DC VOLTAGE FROM 6 VDC TO 120 VDC, OR AC VOLTAGE FROM 12 VAC TO 120 VAC (SPECIFY WITH ORDER). DURATION MUST BE GREATER THAN 20 MSEC.
RESET INPUT:	DRY CONTACT, DC VOLTAGE FROM 6 VDC TO 120 VDC, OR AC VOLTAGE FROM 12 VAC TO 120 VAC (SPECIFY WITH ORDER). DURATION MUST BE GREATER THAN 20 MSEC. RESET OVERRIDES THE COUNT INPUT.
COUNT SPEED:	UP TO 25 HZ WITH A DC SIGNAL OF A DURATION GREATER THAN 20 MSEC. UP TO 5 HZ WITH AN AC SIGNAL OF A DURATION GREATER THAN 20 MSEC.
BATTERY:	RECHARGEABLE NI-CAD BATTERY BACK-UP RETAINS COUNT DURING POWER OUTAGES.
LEADING ZERO: BLANKING	SWITCH SELECTABLE ON PCB ASSEMBLY.
OUTPUT:	12 TO 15 VDC, 100 MA OUTPUT FOR SENSOR POWER.

## ORDERING INFORMATION

Most AE Series Displays are configured to your specifications at the time of your order. Their modular design allows them to be constructed from Off-The-Shelf components and assemblies in quick order.

Choose the desired type, size, number of digits, and other requirements from the AE Series Large Display brochure. Adding "230" to the end of the model number indicates the counter input option is installed.

SPECIFY	INPUT SIGNAL: _____	RESET SIGNAL: _____
	COUNT SPEED: _____	LEADING ZERO BLANKING: YES NO

**FOR ASSISTANCE CALL 800-444-7161**