

PRODUCTION CONTROL WHERE IT COUNTS

Unit designed for hanging with separate remotely wired keypad controller. Controller offers manual hold, reset.

Multi-Line Numeric Production Pace Timer

LED Display Model # AF-2740-103
Controller (req'd) Model # AF-2450-064



Manual Hold & Reset from operator or customer's 24VDC output device.

OPTIONAL ADDER ACCESSORIES

Pushbutton Count Model # AF-2450-051
Power Cord & Cables # KT-2764-034



For manual count process- This kit includes an ABS manual count increment push button control box with run/hold switch for breaks. 15ft. cable included.

Photo Eye Kit Model # KT-2764-031
Power Cord & Cables # KT-2764-034



For sensor count process- This kit includes an ABS box, run/hold switch, retro-reflective photo eye and reflector. Parts pre-wired with 15 ft. cable. Eye distance spec 3-5 meters.

LED DISPLAY & CONTROLLER SPECS

AC Supply Voltage:-----120 VAC @ less than 2 AMPS, 60 Hz
Operating Temperature: --- 0 F to 135 F (-17C to +50C)
Display Housing:----- NEMA 1, black painted 16 gauge steel
Housing Dimensions:----- 18" wide, 36" tall, 3.5" deep
Character Height:----- 4.0" High 7-segment L.E.D. Modules Available in Red
L.E.D. Life:----- 100,000 Hours (11.4years)
Viewing Range----- Up to 200 Feet, single sided unit
Keypad Control:----- 4X3 Matrix Keypad- Diecut Velvet Lexan
Control Unit Housing:----- NEMA12, gray painted 16 gauge steel

PRODUCTION
GOAL, ACTUAL
DEV. or EFFIC.

To operate: Wire 120VAC to display and controller. Wire RS485 cable between. Wire your sensor/switch/plc output to short screw terminal 24VDC count input (contact closure). Power up and press hold button, press F1 key to program registers (pace, scaling, etc.) and remove from hold. Any time the unit is not in manual or input activated hold mode, goal field will auto increment by programmed pace value.

Controller offers count up, hold, down and reset inputs. No preset. Standard models operate using 120VAC power @ less than 1 amp.

Housing constructed of either NEMA1 black anodized aluminum, NEMA12 -14 gauge industrial gray painted steel, NEMA4 water resistant painted steel, and NEMA4X stainless steel. Photo shows standard NEMA1 painted steel.

LED DISPLAY LOGIC SPECS

OPERATION

Maximum COUNT Value 9999 (GOAL/ACTUAL)
Maximum COUNT Scale 9999 (GOAL/ACTUAL)
Minimum PACE Time Interval 0.1 Seconds
Maximum PACE Time Interval 9999 Seconds
Maximum Efficiency/Dev. 999.9 or 9999

MEMORY

5 Day retention without power. 1 Farad Super-Cap.
Cap expected life span -10 years

LOGIC INPUTS

T-RST, B-RST, HOLD, COUNT, DOWN, 24VDC,
Compatible with a Normally Open Contact or
NPN Signal Transistor (2N3904)
Maximum COUNT Rate is 10Hz at 50% Duty Cycle.
Internal Screw Terminal Connections

COMMUNICATION

RS-232 Full Duplex (rated for 50 cable feet),
RS-422 Simplex (rated for 4000 cable feet)
RS-485 Half Duplex (rated for 4000 cable feet)

BAUD RATES

1200/9600/19200 switch selectable

American LED-gible®
Quality displays you can count on.

American LED-gible Inc.
1776 Lone Eagle Street Columbus, Ohio 43228
Phone: 614-851-1100 Fax: 614-851-1121

