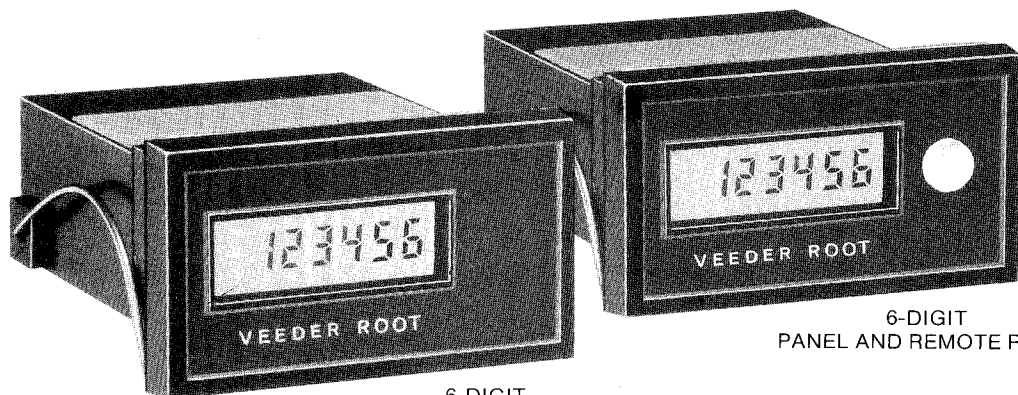




7985 MINIATURE SELF-POWERED, ELECTRONIC LCD TOTALIZER



6-DIGIT
REMOTE RESET

6-DIGIT
PANEL AND REMOTE RESET

ACTUAL SIZE

IDEALLY SUITED AND PRICED FOR HIGH-VOLUME OEM APPLICATIONS!

- Self-Contained power supply — no external power hook-up required
- Uses one standard size AA alkaline battery
- Easy-to-read 6-digit Liquid Crystal Display
- 3 input types: switch-contact, 6-250 V ac or V dc, or 6-30 V dc logic pulse input
- AC/DC input types can directly replace many electromechanical counters — regardless of coil voltage!
- Remote or pushbutton front panel reset
- Fits standard 25 mm x 50 mm panel cutout
- Priced for high-volume OEM applications
- Provides long-life replacement for many electro-mechanical counters in In-Plant applications

DESCRIPTION

The new Series 7985 totalizers feature solid-state electronic construction for reliable, accurate, long-life performance especially in OEM applications.

They are powered by a universally available AA alkaline battery with a typical life of up to 3 years. This simplifies system designs since less wiring and no external power supplies are required, and it helps to reduce OEM manufacturing costs. Plus they can replace old electro-mechanical counters in many in-plant applications.

Models of the new 7985 totalizer are available with switch-contact, 6-250 V ac or V dc, or 6-30 V dc logic pulse inputs. All have remote reset capability and are available with front

panel pushbutton reset. Only two wires for count input and two wires for remote reset are required. And since the 7985 totalizers have no moving parts, they do not generate unwanted noise in the work environment.

The 7985 totalizers weigh only 2.4 oz. (67g), and feature easy-to-read, .2" high, 6-digit liquid crystal displays.

APPLICATIONS

Series 7985 totalizers are ideal for use in both OEM and in-plant applications in: business and office machines; production, quality control manufacturing and assembly equipment; life test equipment; process instrumentation and controls; printing equipment; textile machinery; and laboratory and scientific equipment.

STANDARD MODELS

Form Number	NIDA-SIDA Item Code	Input Method	Reset Method
798506-010	62100	Switch	Remote only
798506-110	62101	Switch	Panel/Remote
798506-020	62102	6-250 V ac/dc	Remote only
798506-120	62103	6-250 V ac/dc	Panel/Remote
798506-030	62104	6-30 V Logic Pulse	Remote only
798506-130	62105	6-30 V Logic Pulse	Panel/Remote

SPECIFICATIONS

Display: Liquid Crystal; .2" high x .1" wide digits;

Number of Digits: 6, leading zero suppression

Power Source: Internal replaceable battery, size AA alkaline (included)

Typical Battery Life: 3 years

Reset: Front-panel pushbutton and/or two-wire remote from switch contact

Count Input: (See "Standard Models" for input variations)

AC/DC Voltage — 6-250 volt AC or DC.

Input impedance: 150K ohms

Switch Contact — requires only isolated contact closure

Logic Pulse — Logic "0": 0 ± 0.5 V dc

Logic "1": +6 to +30 V dc

Input Impedance: 5K ohms

Count Speed: Switch and Voltage input versions — 20Hz (1200 cpm)

Logic Pulse Input — 80Hz (4800 cpm)

Minimum Pulse Width: Switch and Voltage input versions — 25 milliseconds

Logic Pulse input — 6.25 milliseconds

Operating Temperature: 23° - 104° F (-5° - +40° C)

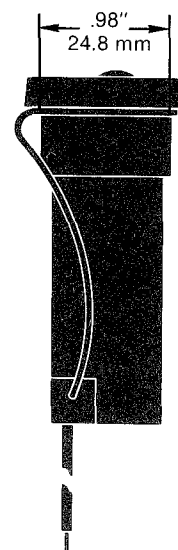
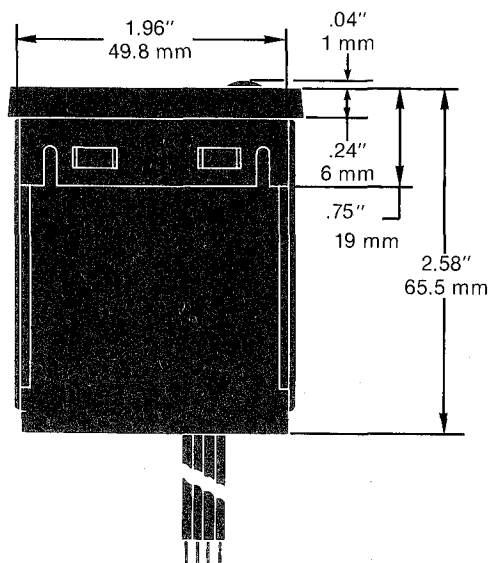
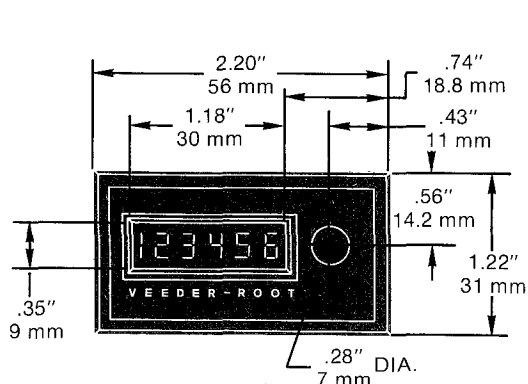
Operating Humidity: 42% to 80%, Non condensing

Connections: lead wires, approximately 6" long. Two-wire count input; two-wire remote reset

Weight: 2.4 oz. (67g)

DIMENSIONS

Panel cutout: DIN Standard 25 mm x 50 mm (.99" x 1.97")



MATCHING PREDETERMINING COUNTER — SERIES 7915

NEW!



Request separate Data Sheet for this low cost controller. Available with 1 or 2 preset levels and many unique features.

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