

# Model 34

#### Electronic totalizers and hour meters













34xx-0xxx Two Hole Mount

34xx-1xxx Three Hole Mount

34xx-2xxx ctangular Flush Mount

34xx-3xxx Round Flush Mount

34xx-5xxx Rectangular Snap-in Mount

### **Common Specification**

Display	I CD 0 28" [7mm	l high figures black	on light background
Display	LCD 0.20 [/IIIII	ij riigir iigures biack	on light background

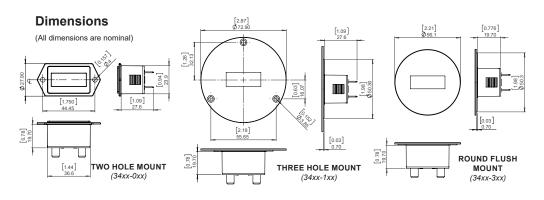
Input Options	MODEL	RANGE	<b>INPUT LOW</b>	<b>INPUT HIGH</b>	
	34x0	10-300VDC 20-300VAC	<3VDC <3VAC	>10VDC >20VAC	
	34x1	Dry Contact	n/a	n/a	
	34x3	3-30VDC	<2VDC	>=3VDC	
Power	Self-powered battery life 10+ years				
Terminations	Standard 0.250" [6.4mm] spades				
Approvals	UL & cUL recognized (file # ELIY2.E36690), CE, SAE, NEMA 4/4X/IP66 compliant				
Environmental	Temperature (Storage & Operating): -40°F to + 185°F [-40°C to +85°C] Humidity: 95% RH per SAE J1378 Shock: 44 to 55g's per SAE J1378 Dielectric: 1000VAC 50/60 Hz for 1 minute (34x0 only) Compliance: Compliant to the European WEEE and RoHS Directives Protection Against: Alternator load dump 150V EMI (Electromagnetic Interface) +400V @ 500Hz inductive switching and reverse polarity (34x0 only)				
EMC Compliance	EN61326:2012				
Enclosure	NEMA 4/4X, 12 & IP66 compliant from the front when properly mounted using the optional gasket. (Not applicable in the Snap-In Model)				
Weight	1 oz. [28g]				
Reset Options	34xx-xx0x - Non Reset 34xx-xx1x - Remote Reset / Dry Contact (switch)				

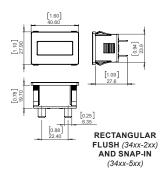
## 3400 (Totalizer) Specification

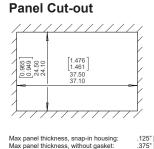
Display	8 digits (9999999)	
Max pulse rate	40 pulses per second (Hz)	

## 3410 (Hour Meter) Specification

Display	9999999.9 (hours & 1/10's)	
Run Indicator	Blinking decimal point	
Accuracy	$\pm0.1\%$ @ room temperature $\pm0.2\%$ over the specified temperature range	

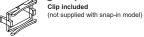




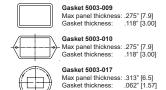


Min panel thickness, with or without gasket: .04" [1.0]



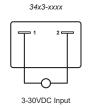


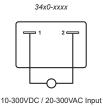


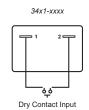


### **Wiring Diagrams**

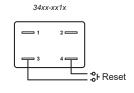
Inputs do not have a polarity and can be wired either way round.







#### WITH RESET (4 TERMINAL)



Note: Do not connect AC or DC voltages to terminals 3 or 4



CAUTION: RISK OF ELECTRIC SHOCK. INSTALLATION MUST BE CARRIED OUT BY SUITABLY QUALIFIED AND COMPETENT PERSONEL ONLY. HAZARDOUS VOLTAGES MAY BE PRESENT ON THE CONNECTION. THIS PRODUCT CONTAINS AN INTERNAL LITIUM BATTERY. DISPOSE OF IN ACCORDANCE WITH LOCAL REQUIREMENTS









