700 Series Specifications

	700, 701	703
DISPLAY	6-digit LCD, 5 or 7mm high	6-digit LCD, 5 or 7mm high
RANGE & RESOLUTION	99,999.9 hours	999,999 counts
ACCURACY	+/– 0.1%	+/–1 count
OPERATING TEMPERATURE RANGE	–40˚C to +85˚C –30˚C to +65˚C (E Case)	–40˚C to +85˚C –30˚C to +65˚C (E Case)
STORAGE TEMPERATURE RANGE	–50˚C to +90˚C –30˚C to +65˚C (E Case)	–50˚C to +90˚C –30˚C to +65˚C (E Case)
MECHANICAL SHOCK	SAE J 1378 55g	SAE J 1378 55g
VIBRATION	SAE J 1378 20g	SAE J 1378 20g
HUMIDITY (NONCONDENSING @ 38˚C)	95% RH	95% RH
CURRENT CONSUMPTION (POWER TERMINALS)	0.5 mA max @ 5VDC 0.9 mA max @ 12VDC (1248D Model) 1.0 mA max RMS @ 120VAC 2.0 mA max RMS @ 230VAC	0.5 mA max @ 5VDC 0.9 mA max @ 12VDC (1248D Model) 1.0 mA max RMS @ 120VAC 2.0 mA max RMS @ 230VAC
TIMING (POWER)	5 seconds to arm memory (No loss of time)	5 seconds to arm memory (No loss of counts)
INPUT SIGNAL TIMING (AC/DC)	Input must be applied for a minimum of 1/2 second to accumulate. (Model 701 only)	Input must be applied for a minimum of 1/2 second to accumulate.
INPUT SIGNAL TIMING (DC-ONLY)	Input must be high for a minimum of one msec and low for a minimum of one msec. (Model 701 only)	Input must be high for a minimum of one msec and low for a minimum of one msec.
TERMINATION	3/16" or 1/4" blade terminals (R,Q,T,F,D cases) Screw terminals (E case - 701 only)	3/16" or 1/4" blade terminals (R,Q,T,F,D cases) Screw terminals (E case)

Model Encodement

700 **FUNCTION**	R **STYLE**	N **RESET**	0010 **OEM CODE**	1248D2060A **VOLTAGE**
700 = 2-Wire Hour Meter 701 = 3-Wire Hour Meter 703 = Pulse Counter	R,Q = Round (see dimensions) S = Square, 1/4" terminals T = Rectangular, 3/16" terminals F = Rectangular, 1/4" terminals D = DIN, 3/16" terminals E = European DIN, screw terminals (701,703DC only)	N = No Reset R = Electrical Reset M = Manual & Electrical (E case only)	*	0512D0612A = 4.5 to 15VDC and 5 to 15VAC 1248D2060A = 9 to 60VDC and 15 to 75VAC 48150D100230A = 36 to 185VDC and 75 to 270VAC 0512D = 4.5 to 15VDC 1248D = 9 to 60VDC 48150D = 36 to 185VDC

NOTE: Model 700 is available in AC/DC only. Models 701 and 703 are available in AC/DC as well as DC-only. For AC/DC rated units, the frequency response of the input is 1 Hz (500 msec logical "1" minimum and 500 msec logical "0" minimum). The input for the DC-only models has a frequency response of 500 Hz (one msec logical "1" minimum and one msec logical "0" minimum).

*001 = 5mm non-backlit
*601 = 7mm backlit
*701= 7mm non-backlit

Example: 701DR0010 1248D is a 3-wire hour meter in a DIN housing. This model is resettable with a 5mm, non-backlit LCD and operates from 9 to 60 VDC.

Note: 5mm displays available in R,Q,T, F and D housings.
7mm displays available in R and S housings.

Also Available

Custom logos, panel mount bracket and gaskets. Consult factory for product option information.