

DIGITAL PANEL METERS

BASIC SERIES

AC HOUR METER



PENTA HM



NANO HM



HEXA HM



FEATURES

- Displays Run Hour of any System
- Hours & Minutes saved in Memory Until Manual Reset
- Password Protected.
- Hour Mode & Minute Mode Selectable in Penta HM
- Easy Programming with push buttons on front facia.
- RS-485 option available on demand.
- Relay Output for alarm can be provided.(optional)

SPECIFICATION

Display	: 4 Digit Red LED Super Bright Display in PENTA HM : 6 Digit Red LED Super Bright Display in NANO HM & HEXA HM)	Dielectric Strength	: 2.5KV @50 Hz for 1 minute between Input -Auxiliary & Case - Terminals
Digit Height	: 0.56"/14.2.mm in PENTA HM & HEXA HM : 0.36"/9.1.mm in NANO HM	Impulse Withstand	: 3.5.KV, 1.2/50 micro Second
Maximum display	: 9999(Max.) Counts	Maximum Overload	: Voltage 1.2 Times Continuous
Resolution	: 1 minutes or 1 Hour(i.e HH.MM or HHHH in PENTA HM) : (i.e HHHH.MM in NANO HM & HEXA HM)	Auxiliary Supply	: 150-300V AC, 45-270V AC /DC, 19-60V AC /DC
Display Stability	: With in ± 1 Digit	Accuracy Class	: 1 Second
Faceplate /Lens	: Polycarbonate Transparent	VA (Burden)	
Case/Housing Material	: FR-ABS Black	Auxiliary	: ≤ 1.5 VA
Connectors /Terminal	: Nylon 66, 33%GF,Black/Brass	Environment	
Mounting Clamps	: Sturdy, Moulded Glass filled nylon with screws.	Calibration	: $27^{\circ}C \pm 5^{\circ}C$
Decimal Point	: Auto Scrolling	Operating	: 0° to $+60^{\circ}C$, RH<70%
		Storage	: -10° to $+70^{\circ}C$, RH<70%
		Metering Standard	: IEC62052-11

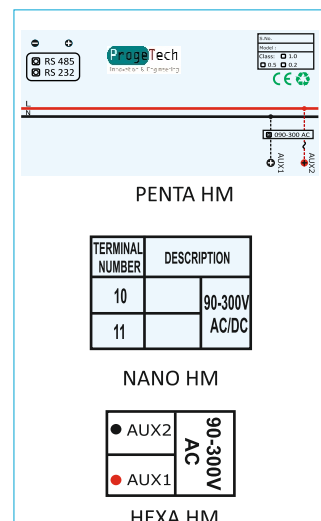
DIMENSIONS (MM)

MODEL	NANO HM	HEXA HM	PENTA HM
FRONT	72 X 72	48 X 96	96 X 96
DEPTH (Behind Bezel)	59	74	39.5
Panel Cut -Out	68 X 68	44 ^(+0.5-0.0) x 92 ^(+0.8-0.0)	92 ^(+0.8-0.0) x 92 ^(+0.8-0.0)

ORDERING INFORMATION

MODEL	DISPLAY RANGE	ACCURACY CLASS	AUX SUPPLY
PENTA HM	0001-9999Hours or 00.01-99.60 Hours	1 Sec.	150-300V AC (TX Supply) 45-270V AC /DC 19-60V AC /DC
NANO HM	0000.01-9999.60 Hours	1 Sec.	150-300V AC (TX Supply) 45-270V AC /DC 19-60V AC /DC
HEXA HM	0000.01-9999.60 Hours	1 Sec.	45-270V AC /DC

TERMINAL CONNECTION



*WHILE ORDERING PLEASE MENTION RANGE, CLASS & AUX SUPPLY & FOR BULK CUSTOMIZED INQUIRES PLEASE CONTACT SALES.

DIGITAL COMMUNICATION

RS 485 standard, communication capability using Modbus RTU protocol.
The baud rate can be adjusted from 1200 bps to 19200 bps.
(Preferred setting is 9600 bps).

