

DIGITAL PANEL METER PROCESS INDICATORS

COUNTER OR TOTALIZER



Y4-COUNTER

FEATURES

- Counts and displays the no. of pulses counted from NPN ,PNP Proximity & micro switch sensors .
- Single button reset for fast action.
- Memory retention.
- Reset via Back panel terminals (optional)
- Response time of display less than 10mS.
- Easy Programming with push buttons on front facia.
- RS-485 option available on demand.
- Relay Output for alarm can be provided.(optional)
- Data logging facility. (optional).

SPECIFICATION

Display	: 6 Digit Red LED Super Bright Display	Maximum Overload	: DC voltage : 1.2 Times Continuous of rated.
Digit Height	: 0.56"/14.2.mm & 0.40"/10.1 mm(hexa series)	Sensing speeds	: Slowest, Slow, Medium, Fast, Fastest.
Maximum display	: 0-999999 counts.	Auxiliary Supply	: 150-300V AC, 45-270V AC /DC, 19-60V AC /DC
Resolution	: 0001 to 1 Count Depending on Range/ Scale Display	Input Signal	: 24 V DC Pulse from proximity sensor and microswitch.
Display Stability	: With in ± 2 Digit	SCALE	: 0 - 999999 value.
Faceplate /Lens	: Polycarbonate Transparent	Accuracy Class	: 1 & 0.5
Case/Housing Material	: FR-ABS Black	VA (Burden)	
Connectors /Terminal	: Nylon 66, 33%GF,Black/Brass	Auxiliary	: ≤ 1.5 VA
Mounting Clamps	: Sturdy, Moulded Glass filled nylon with screws.	Voltage Input	: ≤ 1.0 VA
Decimal Point	: Auto Scrolling	Environment	
Dielectric Strength	: 2.5KV @50 Hz for 1 minute between Input -Auxiliary & Case - Terminals	Calibration	: $27^{\circ}C \pm 5^{\circ}C$
Impulse Withstand	: 3.5.KV, 1.2/50 micro Second	Operating	: 0° to $+60^{\circ}C$, RH<70%
Refresh Rate	: Per 8.0ms	Storage	: -10° to $+70^{\circ}C$, RH<70%
		Metering Standard	: IEC62053-10

DIMENSIONS (MM)

MODEL	Y4-COUNTER
FRONT	48 X 96
DEPTH (Behind Bezel)	74
Panel Cut -Out	44 ^(+0.5-0.0) x 92 ^(+0.8-0.0)

ORDERING INFORMATION

MODEL	SENSING VIA	ACCURACY CLASS	AUX SUPPLY
Y4-COUNTER	NPN SENSOR PNP SENSOR MICRO SWITCH	1.0	150-300V AC (TX Supply) 45-270V AC /DC 19-60V AC /DC

TERMINAL CONNECTION

TERMINAL NUMBER	DESCRIPTION	Diagram
16	● AUX1 90-300V AC	
15	● AUX2	
10	● POSITIVE	
11	● INPUT 1	
12	● INPUT 2	
13	● GROUND	

For NPN: Short 10&11, Connect sensor on 11,12,13.
For PNP: Short 12&13, Connect sensor on 10,11,12.
For Micro S/w: Short 12&13, Connect Switch on 10,11.

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