

# DIGITAL PANEL METER PROCESS INDICATORS

## RPM METER/ 4-20MA PROGRAMMABLE DISPLAY DPM



Y9-PI-420



Y7-PI-420



Y4-PI-420

### FEATURES

- Display Solution for digital signal of 4-20mA/0-20mA coming from any device or Closed Loop transducer/sensor .
- Can be programmed upto 9999K Value.
- Password Protected.
- Lower value to higher value & vice versa can be programmed.
- Auto scaling response time less than 1 second.
- 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	: 4 Digit Red LED Super Bright Display
Digit Height	: 0.56"/14.2.mm
Maximum display	: 9999(Max.) Counts
Resolution	: 0.001 to 1 Count Depending on Range/ Scale Display
Display Stability	: With in ±1 Digit
Faceplate /Lens	: Polycarbonate Transparent
Case/Housing Material	: FR-ABS Black
Connectors /Terminal	: Nylon 66, 33%GF,Black/Brass
Mounting Clamps	: Sturdy, Moulded Glass filled nylon with screws.
Decimal Point	: Auto Scrolling
Dielectric Strength	: 2.5KV @50 Hz for 1 minute between Input -Auxiliary & Case - Terminals
Impulse Withstand	: 3.5.KV, 1.2/50 micro Second
Refresh Rate	: Per 8.0ms

Maximum Overload	: DC Current : 1.2 Times Continuous of rated.
Auxiliary Supply	: 150-300V AC, 45-270V AC /DC, 19-60V AC /DC
Input Signal	: 4-20mA / 0-20mA DC(Direct)
SCALE	: 0 - 9999k value.
Accuracy Class	: 1 & 0.5
VA (Burden)	
Auxiliary	: ≤1.5 VA
Voltage Input	: ≤1.0 VA
Environment	
Calibration	: 27° C ± 5° C
Operating	: 0° to + 60° C, RH<70%
Storage	: -10° to +70° C, RH<70%
Metering Standard	: IEC62053-10

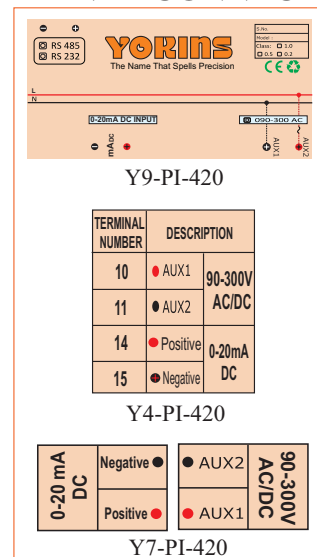
### DIMENSIONS (MM)

MODEL	Y7-PI-420	Y4-PI-420	Y9-PI-420
FRONT	72 X 72	48 X 96	96 X 96
DEPTH (Behind Bezel)	59	74	39.5
Panel Cut -Out	68 X 68	44 <sup>(+0.5-0.0)</sup> x 92 <sup>(+0.8-0.0)</sup>	92 <sup>(+0.8-0.0)</sup> x 92 <sup>(+0.8-0.0)</sup>

### ORDERING INFORMATION

MODEL	MEASURING RANGE	ACCURACY CLASS	AUX SUPPLY
Y9-PI-420	4-20mA DC 0-20 mA DC (PROGRAMMABLE)	1.0 0.5	150-300V AC (TX Supply) 45-270V AC /DC 19-60V AC /DC
Y7-PI-420	4-20mA DC 0-20 mA DC (PROGRAMMABLE)	1.0 0.5	150-300V AC (TX Supply) 45-270V AC /DC 19-60V AC /DC
Y4-PI-420			45-270V AC /DC

### TERMINAL CONNECTION



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

