



SPECTRUM
ELECTRONIC AND CONTROL SOLUTION



PID Temperature Controller-Digital Timer-Digital Counter-Process Controller-Power & Energy Meters-Photo Control Instruments-Customized Solutions

WHY SPECTRUM?

We at “Spectrum” are committed to provide best Industrial Products with best solution to the users in Industrial Automation using right Controls and Software to achieve a competitive edge in a rapidly changing world. Our reputation for quality, reliability and innovation is represented by the brands our products & services carry. As we increase our offerings, we remain keenly focused on enhancing our unique technology differentiation – and delivering integrated, value-added solutions. Today Spectrum is having wide experience in Industrial sector to supply highly efficient and robust electronic and industrial devices with effective solution. Within this many short but highly productive journey Spectrum has build trust in the area of Process Industries with it's electronic and industrial devices with the industrial solutions. Our business covers consultancy, Engineering, Manufacturing, Installation & Commissioning. To Supply and Execute Control Systems in areas of Process Companies, choose Spectrum for the most comprehensive solutions for industrial automation and for electronic devices in various segments like Temperature controller, Timer, Counter, Energy meters, Process Control Instruments, Customized Solutions and etc.

QUALITY POLICY

At Spectrum, We Believe Quality Is Predominant, Which Leads The Way To Achieve And Exceed Customer Satisfaction Through Continual Improvement In Our Processes, Products, And Services. The Driving Force Of Spectrum Excels Through Our Commitment To Exceed The Expectations Of All Our Stakeholders And To Create Lifelong Connections.

VISION

To Become Highly Valued And Trusted Brand Through Our Innovative And Modern Products Created By The Advanced Technology, Unmatched Product Price And Unequivocal Customer Query Resolution Achieved Via After Sales Services.

MISSION

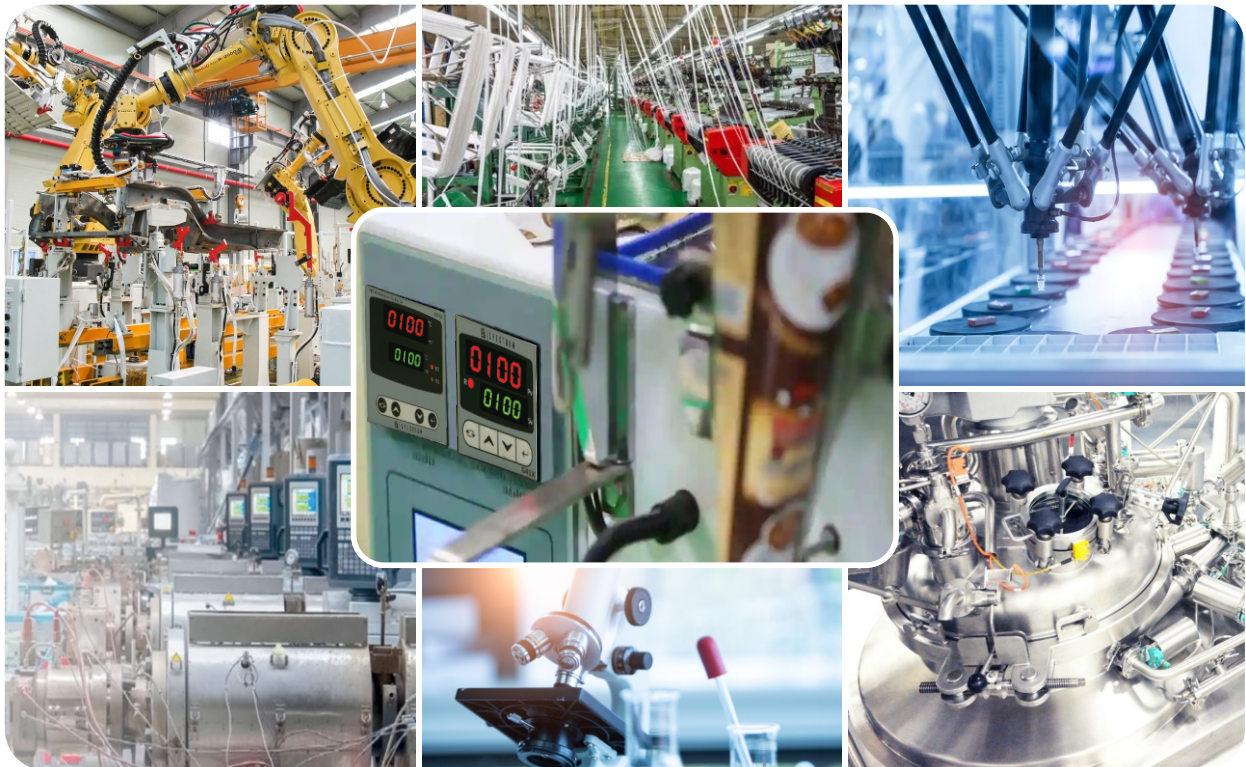
We Strive To Provide The Best Quality Products And Services With Goal Of Creating Lifelong Customer Relationship.

APPLICATION

Spectrum offers range of quality products namely Temperature Controller, Digital Timer, Digital Counter, Process Controller, Power & Energy meters and customized solutions for the numerous electronic device requirements.

Our range of instruments have many industrial applications & solutions ranging from small scale industries to the large scale ones. Which incorporates,

- Packaging Industries
- Extrusion industries
- Food Industries
- Textile Industries
- Manufacturing Industries
- Pharmaceutical
- Lab testing equipment
- Process industries and many more.



INDEX

PAGE NO.

► Temperature Controller.....	06
• DUAL OUTPUT PID - FULL FEATURED	
• DUAL OUTPUT AUTO TUNED PID	
• SINGLE OUTPUT AUTO TUNED PID	
• SINGLE OUTPUT FIXED INPUT	
• SINGLE OUTPUT AUTO TUNED PID - FIXED INPUT	
• BLIND SINGLE OUTPUT FIXED INPUT	
• PUSH TO SET SINGLE OUTPUT FIXED INPUT	
• INDICATORS	
► Digital Timer.....	14
• DOUBLE OUTPUT UNIVERSAL TIMER	
• SINGLE OUTPUT UNIVERSAL TIMER	
• THUMB WHEEL TIMER FULL FEATURES	
• THUMB WHEEL TIMER	
► Digital Counter.....	18
• LENGTH COUNTER	
• BATCH COUNTER	
• COUNT TOTALIZER	
• PROGRAMABLE COUNTER	
• THUMB WHEEL PROGRAMABLE COUNTER	
• RPM METER	
► Power & Energy Meter.....	24
• AC VOLT METER	
• AC AMP METER	
• DUAL VOLT + AMP METER	
► Process Instruments.....	27
• PROCESS INDICATORS	
► Other.....	28
• PHOTO CONTROL PANEL	
• SODA MASTER	
• IGNITION CONTROLLER	
• HEATER INDICATOR	
• ELECTRONIC HOOTER	





G42Y



G72Y



G92Y

Model	Size	Panel Cutout	Display
G42Y	48x48	45x45	Upper : 7 Segment, 4 Digit, 0.39", Red LED for Process Value Lower : 7 Segment, 4 Digit, 0.28", Green LED for Set Value
G72Y	72x72	68x68	Upper : 7 Segment, 4 Digit, 0.56", Red LED for Process Value Lower : 7 Segment, 4 Digit, 0.39", Green LED for Set Value
G92Y	96x96	92x92	

Specification

Inputs	Sensor	J/K/PT.100 (2W/ 3W) Configurable
	Range	J(0-600) K(0-1200), Pt-1002W/3W(-99 to 400, -99.9 to 400.0) Degree Celsius
Outputs	Output 1	1- Relay,
	Output 2	1- Relay,
	Rating	1C / O , 10A, 230 Vac
	SSR/Buzzer	12V DC (30 mA DC) Approximately (Factory Set)
Set Point	2 Set Points	
Control Action	Auto Tune PID /TP/ On-Off Configurable	
Operating Mode	Set 1 (Heating ,Cooling, High Alarm, Low Alarm, Inband, Outband)	
	Set 2 (Heating ,Cooling, High Alarm, Low Alarm, Inband, Outband, End Alarm)	
Supply	G42Y : 110-260 Vac, 50/60Hz , SMPS	
	Other : 230Vac 50 Hz LPS	
Accuracy	± 1% of FSD	
Resolution	J&K 1°C Fix, Pt-100 2W/3W 1°C/0.1°C	
Body Type	ABS Polycarbonate	
Operating Temp	0 to 55 Degree Celsius	
Realative Humidity	Up to 95% RH Non Condensing	



G41X



G71X



G91X

Model	Size	Panel Cutout	Display
G41X	48x48	45x45	Upper : 7 Segment, 4 Digit, 0.39", Red LED for Process Value Lower : 7 Segment, 4 Digit, 0.28", Green LED for Set Value
G71X	72x72	68x68	Upper : 7 Segment, 4 Digit, 0.56", Red LED for Process Value Lower : 7 Segment, 4 Digit, 0.39", Green LED for Set Value
G91X	96x96	92x92	

Specification

Inputs	Sensor	J/K/PT.100 (2W/ 3W) Configurable
	Range	(0-600) K(0-1200), Pt-1002W/3W(-99 to 400, -99.9 to 400.0) Degree Celsius
Outputs	Output	1- Relay,
	Rating	1C / O , 10A, 230 Vac
	SSR/Buzzer	12V DC (30 mA DC) Approximately (Factory Set)
Set Point	1 Set Points	
Control Action	Auto Tune PID / On-Off Configurable	
Operating Mode	Heating	
Supply	G41X : 110-260 Vac, 50/60Hz , SMPS	
	Other : 230Vac 50 Hz LPS	
Accuracy	± 1% of FSD	
Resolution	J&K 1°C Fix, Pt-100 2W/3W 1°C/0.1°C	
Body Type	ABS Polycarbonate	
Operating Temp	0 to 55 Degree Celsius	
Realative Humidity	Up to 95% RH Non Condensing	



G42X



G72X



G92X

Model	Size	Panel Cutout	Display
G42X	48x48	45x45	Upper : 7 Segment, 4 Digit, 0.39", Red LED for Process Value Lower : 7 Segment, 4 Digit, 0.28", Green LED for Set Value
G72X	72x72	68x68	Upper : 7 Segment, 4 Digit, 0.56", Red LED for Process Value Lower : 7 Segment, 4 Digit, 0.39", Green LED for Set Value
G92X	96x96	92x92	

Specification

Inputs	Sensor	J/K/PT.100 (2W/ 3W) Configurable
	Range	J(0-600) K(0-1200), Pt-1002W/3W(-99 to 400, -99.9 to 400.0) Degree Celsius
Outputs	Output 1	1- Relay,
	Output 2	1- Relay,
	Rating	1C / O , 10A, 230 Vac
	SSR/Buzzer	12V DC (30 mA DC) Approximately (Factory Set)
Set Point	2 Set Points	
Control Action	Auto Tune PID /TP/ On-Off Configurable	
Operating Mode	Set 1 (Heating)	
	Set 2 (Cooling)	
Supply	G42X : 110-260 Vac, 50/60Hz , SMPS	
	Other : 230Vac 50 Hz LPS	
Accuracy	± 1% of FSD	
Resolution	J&K 1°C Fix, Pt-100 2W/3W 1°C/0.1°C	
Body Type	ABS Polycarbonate	
Operating Temp	0 to 55 Degree Celsius	
Relative Humidity	Up to 95% RH Non Condensing	



G41E



G71E



G91E

Model	Size	Panel Cutout	Display
G41E	48x48	45x45	7 Segment, 4 Digit, 0.56", Red LED
G71E	72x72	68x68	
G91E	96x96	92x92	

Specification

Inputs	Sensor	J/K Or PT.100 (2W/ 3W) Factory Set
	Range	J(0-600), K(0-1200), Pt-100(2W/3W) (-99 to 400) Degree Celsius
Outputs	Output	1- Relay,
	Rating	1C / O , 10A, 230 Vac
	SSR/Buzzer	12V DC (30 mA DC) Approximately (Factory Set)
Set Point	1 Set Points	
Control Action	On-Off / TP Configurable	
Operating Mode	Heat/Cool (Configurable)	
Supply	230V AC 50 Hz LPS	
Accuracy	± 1% of FSD	
Resolution	J&K 1°C Fix, Pt-100 2W/3W 1°C / 0.1°C	
Body Type	ABS Polycarbonate	
Operating Temp	0 to 55 Degree Celsius	
Realative Humidity	Up to 95% RH Non Condensing	

TEMPERATURE CONTROLLER

SINGLE OUTPUT AUTOTUNED PID - FIXED INPUT



G41P



G71P



G91P

Model	Size	Panel Cutout	Display
G41P	48x48	45x45	7 Segment, 4 Digit, 0.56", Red LED
G71P	72x72	68x68	
G91P	96x96	92x92	

Specification

Inputs	Sensor	J/K Or PT.100 (2W/ 3W) Factory Set
	Range	J(0-600), K(0-1200), Pt-1002W/3W(-99 to 400) Degree Celsius
Outputs	Output	1- Relay,
	Rating	1C / O , 10A, 230 Vac
	SSR/Buzzer	12V DC (30 mA DC) Approximately (Factory Set)
Set Point	1 Set Points	
Control Action	PID Auto tune / On-Off Configurable	
Operating Mode	Heat/Cool (Configurable)	
Supply	230V AC 50 Hz LPS	
Accuracy	± 1% of FSD	
Resolution	J&K 1°C Fix, Pt-100 2W/3W 1°C / 0.1°C	
Body Type	ABS Polycarbonate	
Operating Temp	0 to 55 Degree Celsius	
Realative Humidity	Up to 95% RH Non Condensing	



G71B



G91B

Model	Size	Panel Cutout	
G71B	72x72	68x68	
G91B	96x96	92x92	
Specification			
Inputs	Sensor		J / K (2W/ 3W) Factory Set
	Range		J(0-400), K(0-1200), Degree Celsius
Outputs	Output		1- Relay,
	Rating		1C / O , 10A, 230 Vac
Set Point	1 Set Points		
Control Action	TP / On-Off (Factory Set)		
Operating Mode	Heating		
Supply	230 Vac, 50Hz , LPS		
Accuracy	± 1% of FSD		
Resolution	J&K 1°C Fix, Pt-100 2W/3W 1°C / 0.1°C		
Body Type	ABS Polycarbonate		
Operating Temp	0 to 55 Degree Celsius		
Realative Humidity	Up to 95% RH Non Condensing		



G71S



G91S

Model	Size	Panel Cutout	Display
G71S	72x72	68x68	7 Segment, 4 Digit, 0.56", Red LED
G91S	96x96	92x92	

Specification		
Inputs	Sensor	J / K / PT.100 (2W/ 3W) Factory Set
	Range	J(0-600), K(0-1200), Pt-1002W/3W(-50 to 400) Degree Celsius
Outputs	Output	1- Relay,
	Rating	1C / O , 10A, 230 Vac
	SSR/Buzzer	12V DC (30 mA DC) Approximately (Factory Set)
Set Point	1 Set Points	
Control Action	TP / On-Off (Factory Set)	
Operating Mode	Heating	
Supply	230 Vac, 50Hz , LPS	
Accuracy	± 1% of FSD	
Resolution	J&K 1°C Fix, Pt-100 2W/3W 1°C / 0.1°C	
Body Type	ABS Polycarbonate	
Operating Temp	0 to 55 Degree Celcius	
Realative Humidity	Up to 95% RH Non Condensing	



G40I



G70I



G90I

Model	Size	Panel Cutout	Display
G40I	48x48	45x45	Upper : 7 Segment, 4 Digit, 0.56", Red LED
G70I	72x72	68x68	
G90I	96x96	92x92	

Specification

Inputs	Sensor	J/K Or PT.100 (2W/ 3W) Factory Set
	Range	J(0-600), K(0-1200), Pt-1002W/3W(-50 to 400) Degree Celsius
Supply	230 Vac, 50Hz , LPS	
Accuracy	± 1% of FSD	
Resolution	J&K 1°C Fix, Pt-100 2W/3W 1°C	
Body Type	ABS Polycarbonate	
Operating Temp	0 to 55 Degree Celsius	
Relative Humidity	Up to 95% RH Non Condensing	



I41E

Model	Size	Panel Cutout	Display
I41E	48X48	45X45	4D Module, 7 Segment, 4 Digit, 0.56", Red LED For Time
Specification			
Inputs	Start Pulse		Micro switch/Limit Switch
	Type		Power ON/ Eable /Trigger
Range	Sec		0 ~ 9.9999/999.9/9999 Sec
	Min		0 ~ 99.59/999.9/9999 Min/Sec
	Hr		0 ~ 99.59/999.9/9999 Hr/Min
Outputs	Output 1		1- Relay,
	Rating		1C / O , 10A, 230 Vac
Set Point	1 Set Point		Delayed ON / Instant ON Configurable
	2 Set Point		Cyclic Mode
Counting Direction	Up/Down Configurable		
Memory	Memory Retention Configurable		
Reset	Auto/ Manual Reset facility from Front & Back		
Supply	230V AC, 50 Hz Linear		
Body Type	ABS Polycarbonate		
Operating Temp	0 to 55 Degree Celsius		
Relative Humidity	Up to 95% RH Non Condensing		



I41X



I71X



I91X

Model	Size	Panel Cutout	Display
I41X	48x48	45x45	Upper : 7 Segment, 4 Digit, 0.39", Red LED For Time Lower : 7 Segment, 4 Digit, 0.28", Green LED For Set Time
I71X	72x72	68x68	Upper : 7 Segment, 4 Digit, 0.56", Red LED For Time Lower : 7 Segment, 4 Digit, 0.39", Green LED For Set Time
I91X	96x96	92x92	Upper : 7 Segment, 4 Digit, 0.56", Red LED For Time Lower : 7 Segment, 4 Digit, 0.39", Green LED For Set Time

Specification

Inputs	Start Pulse	Proxy/Micro switch/Limit Switch
	Type	Power ON/ Eable /Trigger
Range	Sec	0 ~ 9.9999/999.9/9999 Sec
	Min	0 ~ 99.59/999.9/9999 Min/Sec
	Hr	0 ~ 99.59/999.9/9999 Hr/Min
Outputs	Output	1- Relay,
	Rating	1C / O , 10A, 230 Vac
	SSR/Buzzer	12V DC (30 mA DC) Approximately (Factory Set)
Set Point	1 Set Point	Delayed ON / Instant ON Configurable
	2 Set Point	Cyclic Mode
Counting Direction	Up/Down Configurable	
Memory	Memory Retention Configurable	
Reset	Auto/ Manual Reset facility from Front & Back	
Supply	230V AC, 50 Hz Linear	
Body Type	ABS Polycarbonate	
Operating Temp	0 to 55 Degree Celsius	
Relative Humidity	Up to 95% RH Non Condensing	



I42X



I72X



I92X

Model	Size	Panel Cutout	Display
I42X	48x48	45x45	Upper : 7 Segment, 4 Digit, 0.39", Red LED For Time Lower : 7 Segment, 4 Digit, 0.28", Green LED For Set Time
I72X	72x72	68x68	Upper : 7 Segment, 4 Digit, 0.56", Red LED For Time Lower : 7 Segment, 4 Digit, 0.39", Green LED For Set Time
I92X	96x96	92x92	Upper : 7 Segment, 4 Digit, 0.56", Red LED For Time Lower : 7 Segment, 4 Digit, 0.39", Green LED For Set Time

Specification

Inputs	Start Pulse	Proxy/Micro switch/Limit Switch
	Type	Power ON/ Eable /Trigger
Range	Sec	0 ~ 9.9999/999.9/9999 Sec
	Min	0 ~ 99.59/999.9/9999 Min/Sec
	Hr	0 ~ 99.59/999.9/9999 Hr/Min
Outputs	Output	2- Relay,
	Rating	1C / O , 10A, 230 Vac
Operating Mode	Forward - Reverse Mode, Cyclic Mode, Combinational Mode, Sequential Mode	
Counting Direction	Up/Down Configurable	
Memory	Memory Retention Configurable	
Reset	Auto/ Manual Reset facility from Front & Back	
Supply	230V AC, 50 Hz Linear	
Body Type	ABS Polycarbonate	
Operating Temp	0 to 55 Degree Celsius	
Relative Humidity	Up to 95% RH Non Condensing	



I92X



I94X

Model	Size	Panel Cutout	Display
I92X	96x96	92x92	Upper : 7 Segment, 4 Digit, 0.56", Red LED For Time Lower : 7 Segment, 4 Digit, 0.39", Green LED For Set Time
I94X	96x96	92x92	Upper : 7 Segment, 4 Digit, 0.56", Red LED For Time Lower : 7 Segment, 4 Digit, 0.39", Green LED For Set Time

Specification

Inputs	Start Pulse	Micro switch/Limit Switch
	Type	Power ON/ Eable /Trigger
Range	Sec	0 ~ 9.9999/999.9/9999 Sec
	Min	0 ~ 99.59/999.9/9999 Min/Sec
	Hr	0 ~ 99.59/999.9/9999 Hr/Min
Outputs	Output	Upto 4- Relay,
	Rating	1C / O , 10A, 230 Vac
Operating Mode	Semi and Auto	
Memory	Memory Retention Configurable	
Supply	230V AC, 50 Hz Linear	
Body Type	ABS Polycarbonate	
Operating Temp	0 to 55 Degree Celsius	
Relative Humidity	Up to 95% RH Non Condensing	



I7TX



I9TX

Model	Size	Panel Cutout	Display
H7TX	72x72	68x68	7 Segment, 3 Digit, 0.56", Red LED
H9TX	96x96	92x92	
Specification			
Inputs	Start Pulse at Back		
Range	0~99.9/0~999 Min/Sec Configurable		
Outputs	Output	1- Relay,	
	Rating	1C / O , 10A, 230 Vac	
Set Point	Single Set Point		
Counting Direction	Up/Down Configurable		
Operating Mode	Delayed On/ Instant On Configurable		
Memory	Memory Retention Configurable		
Reset	Auto/ Manual Reset facility from Front & Back		
Supply	230V AC, 50 Hz Linear		
Body Type	ABS Polycarbonate		
Operating Temp	0 to 55 Degree Celsius		
Relative Humidity	Up to 95% RH Non Condensing		



I7TB



I9TB

Model	Size	Panel Cutout	Display
H7TB	72x72	68x68	7 Segment, 3 Digit, 0.56", Red LED
H9TB	96x96	92x92	
Specification			
Inputs	Power ON Start		
Range	0~99.9/0~999 Min/Sec Configurable		
Outputs	Output	1- Relay,	
	Rating	1C / O , 10A, 230 Vac	
	SSR/Buzzer	12V DC (30 mA DC) Approximately (Factory Set)	
Set Point	Single Set Point		
Reset	Auto/ Manual Reset facility at Back		
Supply	230V AC, 50 Hz Linear		
Body Type	ABS Polycarbonate		
Operating Temp	0 to 55 Degree Celsius		
Relative Humidity	Up to 95% RH Non Condensing		



H71L



H91L

Model	Size	Panel Cutout	Display
H71L	72x72	68x68	Upper : 7 Segment, 6 Digit, 0.39", Red LED for Meter Lower : 7 Segment, 4 Digit, 0.39", Green LED for Meter Per Minute
H91L	96x96	92x92	Upper : 7 Segment, 6 Digit, 0.56", Red LED for Meter Lower : 7 Segment, 4 Digit, 0.39", Green LED for Meter Per Minute

Specification

Inputs	NPN/PNP Proximity Switch(Configurable)/ Encoder (Factory Set)	
Range	0-99999.9 / 0-999999 Meter Configurable	
Outputs	Output	1- Relay,
	Rating	1C / O , 10A, 230 Vac
	SSR/Buzzer	12V DC (30 mA DC) Approximately (Factory Set)
Set Point	Single Set Point	
Diameter Range	0-9999.99 (H41L 0-999.99)	
Auto time Range	99.9 Sec	
Memory	Memory Retention for Power failure	
Reset	Auto/ Manual Reset facility from Front & Back	
Supply	230V AC, 50 Hz Linear	
Body Type	ABS Polycarbonate	
Operating Temp	0 to 55 Degree Celsius	
Relative Humidity	Up to 95% RH Non Condensing	



H71B



H91B

Model	Size	Panel Cutout	Display
H71B	72x72	68x68	Upper : 7 Segment, 6 Digit, 0.39", Red LED for Meter Lower : 7 Segment, 4 Digit, 0.39", Green LED for Meter Per Minute
H91B	96x96	92x92	Upper : 7 Segment, 6 Digit, 0.56", Red LED for Meter Lower : 7 Segment, 4 Digit, 0.39", Green LED for Meter Per Minute

Specification

Inputs	NPN/PNP Proximity Switch/Micro Switch(Configurable)		
Range	Upper display Range		(0~999999 Count)
	Lower display Range (0~9999)		H41B : (0~99999 Count) 0~9999
Outputs	Output	1- Relay,	
	Rating	1C / O , 10A, 230 Vac	
	SSR/Buzzer	12V DC (30 mA DC) Approximately (Factory Set)	
Single Set Point	Single Set Point		
Auto time Range	99.9 Sec (Configurable)		
Memory	Non Volatile Memory		
Reset	Auto/ Manual Reset facility from Front & Back		
Supply	230V AC, 50 Hz Linear		
Body Type	ABS Polycarbonate		
Operating Temp	0 to 55 Degree Celsius		
Relative Humidity	Up to 95% RH Non Condensing		



H36T



H70T



H90T

Model	Size	Panel Cutout	Display
H36T	38x62	31x54	7 Segment, 6 Digit, 29", Red LED for Total Count
H70T	72x72	68x68	7 Segment, 6 Digit, 39", Red LED for Total Count
H90T	96x96	92x92	7 Segment, 6 Digit, 56", Red LED for Total Count

Specification

Inputs	NPN/PNP Proximity Switch/Micro Switch(Configurable) with Freq 80 Hz	
Range	(0~999999 Count)	(0~999999 Count)
Memory	Non Volatile Memory	
Reset	Manual Reset facility from Front	
Supply	230V AC, 50 Hz Linear	
Body Type	ABS Polycarbonate	
Operating Temp	0 to 55 Degree Celsius	
Relative Humidity	Up to 95% RH Non Condensing	



H71P



H91P

Model	Size	Panel Cutout	Display
H71P	72x72	68x68	Upper : 7 Segment, 4 Digit, 0.39", Red LED for Meter Lower : 7 Segment, 4 Digit, 0.39", Green LED for Meter Per Minute
H91P	96x96	92x92	Upper : 7 Segment, 4 Digit, 0.56", Red LED for Meter Lower : 7 Segment, 4 Digit, 0.39", Green LED for Meter Per Minute

Specification

Inputs	NPN/PNP Proximity Switch/Micro Switch(Configurable)	
Range	0 ~ 9999 Count	
Outputs	Output	1- Relay,
	Rating	1C / O , 10A, 230 Vac
	SSR/Buzzer	12V DC (30 mA DC) Approximately (Factory Set)
Single Set Point	Single Set Point	
Auto time Range	99.9 Sec (Configurable)	
Count Direction	Up / Down Counting Factory set	
Memory	Non Volatile Memory	
Reset	Auto/ Manual Reset facility from Back	
Supply	230V AC, 50 Hz Linear	
	H41P : 100~250 ~Ac/Dc, 50Hz/60Hz, SMPS	
Body Type	ABS Polycarbonate	
Operating Temp	0 to 55 Degree Celsius	
Relative Humidity	Up to 95% RH Non Condensing	



H70R



H90R

Model	Size	Panel Cutout	Display
H70R	72x72	68x68	7 Segment, 4 Digit, 0.39", Red LED for Total Count
H90R	96x96	92x92	7 Segment, 4 Digit, 0.56", Red LED for Total Count
Specification			
Inputs	NPN/PNP Proximity Switch		
Frequency	80 Hz		
Range	4 ~ 5000 RPM		
Supply	230V AC, 50 Hz Linear		
Body Type	ABS Polycarbonate		
Operating Temp	0 to 55 Degree Celsius		
Relative Humidity	Up to 95% RH Non Condensing		



V70B



V90B

Model	Size	Panel Cutout	Display
V70B	72x72	68x68	7 Segment, 3 Digit, 0.56", Red LED
V90B	96x96	92x92	

Specification

Inputs	AC Volt
Range	0 ~ 500 Vac
Accuracy	Class 1.0
Supply	230V AC, 50 Hz Linear
Body Type	ABS Polycarbonate
Operating Temp	0 to 55 Degree Celsius
Relative Humidity	Up to 95% RH Non Condensing



A70B



A90B

Model	Size	Panel Cutout	Display
A70B	72x72	68x68	7 Segment, 3 Digit, 0.56", Red LED
A90B	96x96	92x92	

Specification

Inputs	AC Amp (Up to 5Amp)
Range	CT Selection Upto 2000 / 5 Amp
Accuracy	Class 1.0
Supply	230V AC, 50 Hz Linear
Body Type	ABS Polycarbonate
Operating Temp	0 to 55 Degree Celsius
Relative Humidity	Up to 95% RH Non Condensing



V70A



V90A

Model	Size	Panel Cutout	Display
V70A	72x72	68x68	7 Segment, 3 Digit, 0.56", Red LED
V90A	96x96	92x92	

Specification

Inputs	AC Amp (Up to 5Amp) & AC Volt	
Range	AC Amp	CT Selection Up to 2000 / 5 Amp
	AC Volt	0 ~ 500 Vac
Accuracy	Class 1.0	
Supply	230V AC, 50 Hz Linear	
Body Type	ABS Polycarbonate	
Operating Temp	0 to 55 Degree Celsius	
Relative Humidity	Up to 95% RH Non Condensing	



P40X



P49X



P70X



P90X

Model	Size	Panel Cutout	Display
P40X	48X48	45X45	7 Segment, 4 Digit, 0.39", Red LED for Process value
P49X	48x96	44x92	7 Segment, 4 Digit, 0.56", Red LED for Process value
P70X	72x72	68x68	
P90X	96x96	92x92	

Specification

Inputs	0 ~ 10 VDC / 0 ~ 20 mADC / 4 ~ 20 mADC (Configurable)
Range	-999 to 9999
Parameter	Correction Factor / Offset / Filter Time
Resolution	1 / 0.1 Configurable
Accuracy	1% of FSD
Supply	230V AC, 50 Hz Linear
Body Type	ABS Polycarbonate
Operating Temp	0 to 55 Degree Celsius
Relative Humidity	Up to 95% RH Non Condensing



CP91X

Model	Size	Panel Cutout	Display
CP91X	192X96	188X92	Upper : 7 Segment, 6 Digit, 0.56", Total Count Lower : 7 Segment, 2 Digit, 0.56", Time in ms (0-99)
Specification			
Inputs	NPN proximity switch Color mark sensor		
Range	0-9999999 Count		
Supply	110 V AC, 50Hz Linear		
Output	2 Output for Forward and Reverse winding 2A, 110 VAC		
Body Type	ABS Polycarbonate		
Operating Temp	0 to 55 Degree Celsius		
Relative Humidity	Up to 95% RH Non Condensing		



O741

Model	Size	Panel Cutout	
O741	72X72	68X68	
Specification			
Inputs	Heater Supply		
Range	4 Zone		
Supply	230 VAC, 50Hz Linear		
Body Type	ABS Polycarbonate		
Operating Temp	0 to 55 Degree Celsius		
Relative Humidity	Up to 95% RH Non Condensing		



C72I-1



C72I-2

Model	Size	Panel Cutout	Display
C72I-1	72X72	68X68	Upper : 7 Segment, 4 Digit, 0.39", Red LED For Time Lower : 7 Segment, 4 Digit, 0.39", Green LED For Total Count
C72I-2	72X72	68X68	Upper : 7 Segment, 4 Digit, 0.39", Red LED For Time Lower : 7 Segment, 4 Digit, 0.39", Green LED For Total Count

Specification		
Inputs	Start Pulse	Proxy/Micro switch/Limit Switch
	Type	Trigger
Range	Sec	0 ~ 9.9999/999.9/9999 Sec
	Min	0 ~ 99.59/999.9/9999 Min/Sec
Outputs	Output 2	1- Relay,
	Rating	1C / O , 10A, 230 Vac
	SSR/Buzzer	12V DC (30m A DC) Approximately (Factory Set)
Operating Mode	Forward - Reverse Mode	
	Cyclic Mode	
	Individual Mode	
Counting Direction	Up/Down Configurable	
Memory	Memory Retention Configurable	
Reset	Auto/ Manual Reset facility from Front & Back	
Supply	230V AC, 50 Hz Linear	
Body Type	ABS Polycarbonate	
Operating Temp	0 to 55 Degree Celsius	
Relative Humidity	Up to 95% RH Non Condensing	



M93X

Model	Size	Panel Cutout	Display
M93X	96X96	92X92	LCD 16X4
Specification			
Inputs:-3	1st Proxy (NPN) for clutch		
	2nd CMS		
	3rd Micro Switch		
Outputs	3 Realy		
	1st For Clutch (NO-C-NC) 10A,230V AC		
	2nd For Inching (NO-C-NC) 10A,230V AC		
	3rd (NO-C) For Batch 10A,230V AC		
Protection Level	IP-65 (Front side)		
Supply	230V AC, 50 Hz Linear		
Body Type	ABS Polycarbonate		
Operating Temp	0 to 55 Degree Celsius		
Relative Humidity	Up to 95% RH Non Condensing		



O71V

Model	Size	Panel Cutout	Display
O71V	72X72	68X68	4D Module, 7 Segment, 4 Digit, 0.56", Red LED For Time
Specification			
Inputs	NPN/PNP Proximity (Selectable)		
Outputs	Vibration Control output (1 to 99%) 5A		
Indication	Power ON, Run, STOP		
Supply	230V AC, 50 Hz Linear		
Body Type	ABS Polycarbonate		
Operating Temp	0 to 55 Degree Celsius		
Relative Humidity	Up to 95% RH Non Condensing		



O70H



O90H

Model	Size	Panel Cutout	
O70H	72x72	68x68	
O90H	96x96	92x92	

Specification	
Inputs	230V AC/24V DC factory set
Frequency	50 Hz
Sound Range	Up to 95db
Body Type	ABS Polycarbonate
Operating Temp	0 to 55 Degree Celsius
Relative Humidity	Up to 95% RH Non Condensing



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