

PRODUCT SELECTION GUIDE



GLOBAL SOLUTIONS FOR YOUR MEASURING

- ▶ Temperature Controller ▶ Process Control Instruments ▶ Programmable Timers
- ▶ Programmable Counters ▶ Power & Energy Meters ▶ Din Rail Timer
- ▶ PIC & HMI ▶ VFD / Inverter

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COMPANY PROFILE :

MISTURA TECHNOLOGIES is a manufacturer of Process Control & Automation Instruments for Applications in a wide range of Industries. MISTURA TECHNOLOGIES has always been persisting in technical innovation, products improvement, so as to provide our partner and customers with better products and services. On the hand, MISTURA TECHNOLOGIES also looks into the future to put in resources for developing next-generation products that meet various market demands and technologies.

MISTURA TECHNOLOGIES has been satisfying its customers with pride for many years with the experience, dedication and excellence in customer service. It is our company policy to conduct out business in a manner that gives full attention to providing the best service to our customer's and also giving courteous and efficient service on which you can depend on.

MISTURA TECHNOLOGIES has been providing customized turnkey complete automation solutions. Our long experience has resulted the perfection in designing & manufacturing with absolute control over quality maximum efficiency for the Automation Products and that's Why our spirit of Date to Commit.

QUALITY POLICY

MISTURA TECHNOLOGIES is committed to provide products meeting customer requirements on the to achieve more and more customer satisfaction. We will strive for ongoing improvements in all our activities by enhancing skills of all our employees through training and motivation.

We also commit to implement, maintain and continuously improve our quality management system as per ISO 9001:2008 standard and also commit to fulfill all applicable statutory and regulatory requirements.

MISSION :

To support our customer by providing superior products and services of exceptional value which help them gain competitive advantage in their industries.

VISION :

Vision in to offer the best possible range of automation products to their consumers grow how they can turn opportunities into reality.

Application



PHARMACEUTICAL APPLICATION



ELECTRICAL PANELS



FOOD PROCESSING



PLASTIC INDUSTRIES

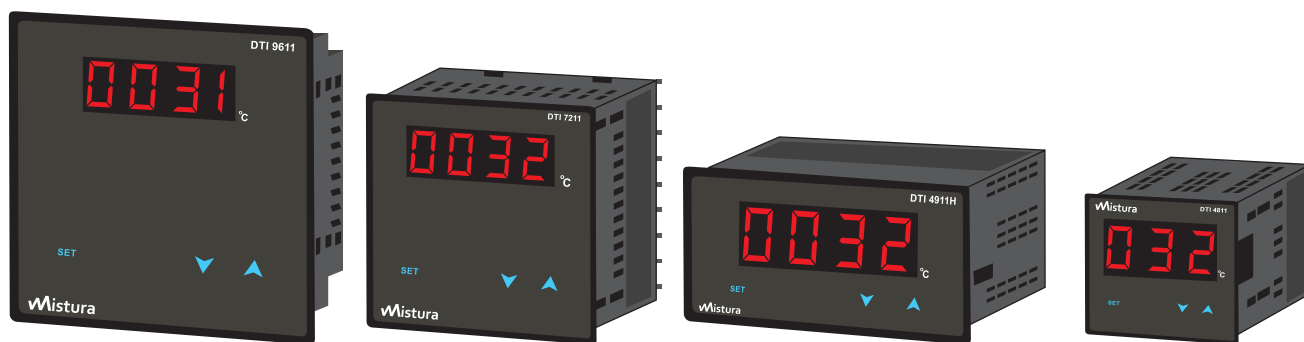
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TEMPERATURE

DIGITAL TEMPERATURE INDICATORS

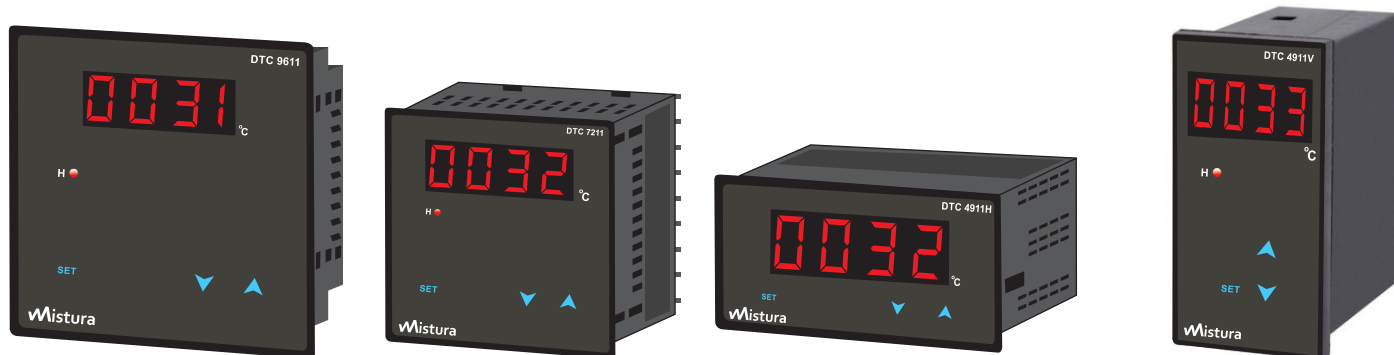
Fixed Input



MODEL	DTI-9611	DTI-7211	DTI-4911H	DTI-4811
Dimension (HxWxD) mm	96 X 96 X 42	72 X 72 X 60	48 X 96 X 85	48 X 48 X 70
Panel Cutout (mm)	92 X 92	68 X 68	44 X 92	44 X 44
INPUT	Sensor			K (0°C to 950°C)
	Range			
SPECIFICATION	Accuracy			85 - 270 VAC (SMPS), 50/60 Hz
	Supply			
Note	Sensor input R & S are also possible as per customer's request.			

DIGITAL TEMPERATURE CONTROLLERS

Fixed Input



MODEL	DTC-9611	DTC-7211	DTC-4911H	DTC-4911V
Dimension (HxWxD) mm	96 X 96 X 42	72 X 72 X 60	48 X 96 X 85	96 X 48 X 85
Panel Cutout (mm)	92 X 92	68 X 68	44 X 92	44 X 92
INPUT	Sensor			
	Range			
OUTPUT	1 Relay 1C/O, 5A, 230V AC SSR 12VDC (Parallel to Relay)			
SPECIFICATION	Control Action			
	Accuracy			
	Supply			

TEMPERATURE CHILLER CONTROLLERS

Cooling Controller



MODEL	CC-4000	CC-4020
Dimension (HxWxD) mm	36 X 72 X 76	36 X 72 X 76
Panel Cutout (mm)	29 X 66	29 X 66
INPUT	Sensor	NTC (Thermistor)
	Range	NTC (-40°C to 90°C)
OUTPUT	Output	1 Relay 1C/O 10A, 230V AC (Resistive Load) With Defrost Facility
		1 Relay for Compressor 2nd Relay for Alarm
SPECIFICATION	Control Action	ON-OFF (Cooling Mode)
	Supply	230V AC \pm 10%, 50Hz / 24V DC / 12V DC (Factory set)

Note : 20 A Relay Output Available as per requirement

BLIND TEMPERATURE CONTROLLERS

Fixed Input



MODEL	BTC-9612/BTC-7212	BTC-7200/BTC-9600
Dimension (HxWxD) mm	96 X 96 X 50 / 72 X 72 X 60	72 X 72 X 60 / 96 X 96 X 50
Panel Cutout (mm)	92 X 92	68 X 68
INPUT	Sensor	J/ K/ R/ S
	Range	J (0°C to 400°C & 0°C to 600°C), K (0°C to 1200°C), PT-100 2W/3W
OUTPUT	1 Relay 1C/O, 5A, 230V AC (factory set) SSR 12VDC (Parallel to Relay)	
SPECIFICATION	Control Action	Time Proportional / ON-OFF (Factory Set)
	Accuracy	\pm 1% of FSD
	Supply	230V AC \pm 10%, 50Hz

TEMPERATURE

PID TEMPERATURE CONTROLLER (Fixed Input)

Single Display 4 Digit, PID - Economy Range



MODEL	DTC-9611P	DTC-7211P	DTC-4911P	DTC-4811P-3
Dimension (HxWxD) mm	96 X 96 X 42	72 X 72 X 60	48 x 96 x 85	48 X 48 X 70
Panel Cutout (mm)	92 X 92	68 X 68	44 x 92	44 X 44
INPUT	Sensor J/ K/ PT-100 2W/3W (Factory Set)			
	Range J (0°C to 600°C), K (0°C to 1200°C)		J (0°C to 600°C), K (0°C to 950°C)	
OUTPUT	PT-100 2W/3W (-99°C to 400°C, -99.9°C to 400.0°C)			
SPECIFICATION	1 Relay 1C/O, 5A, 230V AC & SSR 12V DC Parallel (1 Set point)			
Control Action	PID / TP / ON-OFF (Configurable)			
Accuracy	±1% of FSD			
Supply	230V AC ± 10% 50 Hz			85-270V AC, 50/60 Hz

PID TEMPERATURE CONTROLLER (Universal Input)

Single Display, PID & ON/OFF Action



MODEL	UTC-9611S	UTC-7211S	UTC-4811S
Dimension (HxWxD) mm	96 X 96 X 50	72 X 72 X 60	48 X 48 X 70
Panel Cutout (mm)	92 X 92	68 X 68	44 X 44
INPUT	Sensor J/ K/ PT-100 2W/3W (Configurable)		
	Range J (0°C to 600°C), K (0°C to 1200°C)		
OUTPUT	PT-100 2W/3W (-99°C to 400°C, -99.9°C to 400.0°C)		
SPECIFICATION	1 Relay 1C/O, 5A, 230V AC & SSR 12V DC Parallel (1 Set point)		
Control Action	PID/ON-OFF (Configurable)		
Accuracy	±1% of FSD		
Supply	85-270V AC, 50/60 Hz		

TEMPERATURE PID TEMPERATURE CONTROLLER

Double Display, Autotune PID



MODEL	UTC-9611P	UTC-7211P	UTC-4811P	UTC-4911P
Dimension (HxWxD) mm	96 X 96 X 50	72 X 72 X 60	48 X 48 X 70	96 X 48 X 85
Panel Cutout (mm)	92 X 92	68 X 68	44 X 44	44 X 92
INPUT	Sensor J/K/PT-100 2W/3W (Configurable)			
	Range J (0°C to 600°C), K (0°C to 1200°C)			
	PT-100 2W/3W (-99°C to 400°C, -99.9°C to 400.0°C)			
OUTPUT	1 Relay 1C/O, 5A, 230V AC / SSR 12V DC Parallel (1 Set point)			
SPECIFICATION	Control Action PID / ON-OFF (Configurable)			
	Accuracy ±1% of FSD			
	Supply 85-270VAC, 50/60 Hz			

PID TEMPERATURE CONTROLLER

Dual Output PID Controller - BASIC FEATURED



MODEL	PID-9611	PID-7211	PID-4811	PID-4911
Dimension (HxWxD) mm	96 X 96 X 50	72 X 72 X 60	48 X 48 X 70	96 X 48 X 85
Panel Cutout (mm)	92 X 92	68 X 68	44 X 44	44 X 92
INPUT	Sensor J/K/PT-100 2W/3W (Configurable)			
	Range J (0°C to 600°C), K (0°C to 1200°C)			
	PT-100 2W/3W (-99°C to 400°C, -99.9°C to 400.0°C)			
OUTPUT	2 Output : (SSR parallel to 1 Relay) + 1 Relay or 1SSR Drive O/P (2 Relay 1C/O 5A, 230V AC (resistive load) & SSR Drive O/P 12V DC, 20mA)			
SPECIFICATION	Control Action PID / ON-OFF (Configurable)			
	Accuracy ±1% of FSD			
	Supply 85-270VAC, 50/60 Hz			

TEMPERATURE

PID TEMPERATURE CONTROLLER

Dual Output PID Controller - FULL FEATURED



MODEL	PID-9612	PID-7212	PID-4812	PID-4912
Dimension (HxWxD) mm	96 X 96 X 50	72 X 72 X 60	48 X 48 X 70	96 X 48 X 85
Panel Cutout (mm)	92 X 92	68 X 68	44 X 44	44 X 92
INPUT	Sensor: J/K/T/R/S/E/N T/C, RTD (PT100) (Configurable) Range: J (0°C to 600°C), K (0°C to 1200°C) PT-100 2W/3W (-99°C to 400°C, -99.9°C to 400.0°C)			
OUTPUT	2 Output : (SSR parallel to 1 Relay), (2 Relay 1C/O 5A, 230V AC (resistive load) & SSR Drive O/P 12V DC, 20mA)			
SPECIFICATION	Operating Mode: High / Low / Inband / Outband / Absolute Low / Absolute Outband Alarm (Configurable) + Soak Timer Control Action: PID / TP / ON-OFF (Configurable) Accuracy: ±1% of FSD Supply: 85-270VAC, 50/60 Hz			

PID TEMPERATURE CONTROLLER

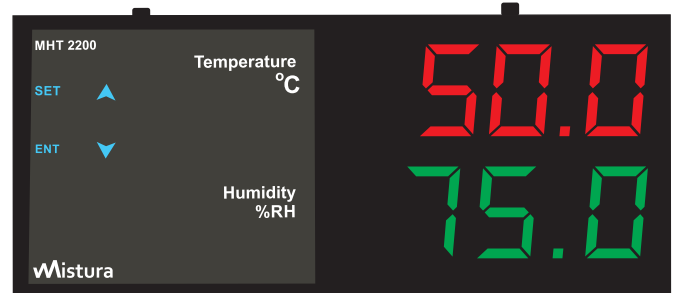
3 Set Point PID Controller - FULL FEATURED



MODEL	PID-9613	PID-7213	PID-4813	PID-4913
Dimension (HxWxD) mm	96 X 96 X 50	72 X 72 X 85	48 X 48 X 70	96 X 48 X 85
Panel Cutout (mm)	92 X 92	68 X 68	44 X 44	44 X 92
INPUT	Sensor: J/K/T/R/S/E/N T/C, RTD (PT100) (Configurable) Range: J (0°C to 600°C), K (0°C to 1200°C) PT-100 2W/3W (-99°C to 400°C, -99.9°C to 400.0°C)			
OUTPUT	3 Output : (SSR parallel to 1 Relay) + 2 Relay + 3 Relay 1C/O 5A, 230V AC (resistive load)			
SPECIFICATION	Operating Mode: High / Low / Inband / Outband / Absolute Low / Absolute Outband Alarm (Configurable) + Soak Timer Control Action: PID / TP / ON-OFF (Configurable) Accuracy: ±1% of FSD Supply: 85-270VAC, 50/60 Hz			

TEMPERATURE

HUMIDITY + TEMPERATURE CONTROLLER



MODEL	MHT-9612	MHT-4812	MHT-2200/2200A	MHT-4400/4400A
Dimension (HxWxD) mm	96 X 96 X 50	48 X 48 X 70	180 X 400 X 60	280 X 600 X 60
Panel Cutout (mm)	92 X 92	44 X 44		
INPUT	S-1: PT-100/3W (RTD) S-2: Humidity Sensor		S-1: Pt 100 2Wire or 3Wire (RTD) S-2: Humidity Sensor	
Sensor	PT-100/3W (-99°C to 400°C)		Pt 100 2Wire or 3Wire (-99°C to 400°C)	
Range	Humidity Sensor (5% to 95% RH)		Humidity Sensor	
OUTPUT	1" Relay for Temperature and 2 nd Relay for Humidity			
SPECIFICATION	Control Action ON-OFF / PID		±1% of FSD	
Accuracy	±1% of FSD		±1% of FSD	
Supply	85-270V AC± 10%, 50 Hz		85-270V AC± 10%, 50 Hz	

HUMIDITY + TEMPERATURE CONTROLLER (DATA LOGGING) GRAPHICAL DISPLAY



MODEL	MHT-9615GU
Dimension (HxWxD) mm	96 X 96 X 80
Panel Cutout (mm)	92 X 92
INPUT	S-1: PT-100/3W (RTD) S-2: Humidity Sensor
Sensor	PT-100/3W (-99°C to 400°C)
Range	Humidity Sensor (5% to 95% RH)
OUTPUT	1" Relay for Temperature and 2 nd Relay for Humidity
SPECIFICATION	Control Action ON-OFF / PID
Accuracy	±1% of FSD
Supply	85-270V AC± 10%, 50 Hz

TEMPERATURE FLAME PROOF INDICATOR & CONTROLLER



MODEL	FPC-1000	FPI-1000
Dimension (HxWxD) mm		
Panel Cutout (mm)		
INPUT		
Sensor	J/K/PT-100 2W/3W (Configurable)	PT-100 2W/3W
Range	J (0°C to 600°C), K (0°C to 1200°C) PT-100 2W/3W (-99°C to 400°C, -99.9°C to 400.0°C)	PT-100 2W/3W (-99°C to 400°C, -99.9°C to 400.0°C)
OUTPUT	2 Relay 1C/O, 5A, 230V AC / SSR 12V DC Parallel (1 Set point)	
SPECIFICATION		
Control Action	PID / ON-OFF (Configurable)	
Accuracy	±1% of FSD	±1% of FSD
Supply	230 VAC, 50/60 Hz	230 VAC, 50/60 Hz

PID TEMPERATURE CONTROLLER (with AMP Indication) 4+4+3 Display PID Controller



MODEL	PID-7213-1C/3C	PID-7212-1C/3C
Dimension (HxWxD) mm	72 X 72 X 85	72 X 72 X 85
Panel Cutout (mm)	68 X 68	68 X 68
INPUT		
Sensor	J/K/CT I/P	J/K/CT I/P
Range	J (0°C to 600°C), K (0°C to 1200°C)	J (0°C to 600°C), K (0°C to 1200°C)
CT Input	1CT (30A or 60A) 3CT (30A or 60A)	1CT (30A or 60A) 3CT (30A or 60A)
OUTPUT	3 Relay 1C/O, 5A, 230V AC (Factory Set)(3 Set point)	2 Relay 1C/O, 5A, 230V AC (Factory Set)(2 Set point)
SPECIFICATION		
Control Action	PID / ON-OFF (Configurable)	PID / ON-OFF (Configurable)
Accuracy	±1% of FSD	±1% of FSD
Supply	85-270VAC, 50/60 Hz	85-270VAC, 50/60 Hz

TEMPERATURE

UNIVERSAL INPUT CONTROLLER Auto Tune PID



MODEL	PTC-9615	PTC-4815
Dimension (HxWxD) mm	96 X 96 X 80	48 X 48 X 95
Panel Cutout (mm)	92 X 92	44 X 44
INPUT	Input	J/K/PT-100/0-5V DC/0-10V DC/4-20mA/0-20mA 2W/3W (Configurable)
	Range	J (0°C to 600°C), K (0°C to 1200°C), PT-100 2W/3W (-99°C TO 400°C, -99.9°C TO 400.0°C) For Temperature Sensor -999 To 9999 for analog input
OUTPUT	Output 1	Relay/SSR (Factory Set)
	Output 2	Relay/SSR (Factory Set)
SPECIFICATION	Control Action	PID / ON-OFF (Configurable)
	Accuracy	±1% of FSD
	Supply	85-270VAC, 50/60 Hz

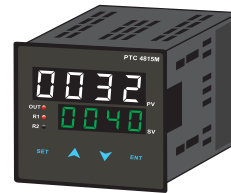
UNIVERSAL INPUT CONTROLLER Auto Tune PID WITH RETRANSMISSION 4-20MA



MODEL	PTC-9615R	PTC-4815R
Dimension (HxWxD) mm	96 X 96 X 80	48 X 48 X 95
Panel Cutout (mm)	92 X 92	44 X 44
INPUT	Input	J/K/PT-100/0-5V DC/0-10V DC/4-20mA/0-20mA 2W/3W (Configurable)
	Range	J (0°C to 600°C), K (0°C to 1200°C), PT-100 2W/3W (-99°C TO 400°C, -99.9°C TO 400.0°C) For Temperature Sensor -999 To 9999 for analog input
OUTPUT	Output 1	Relay/SSR (Factory Set)
	Output 2	Relay/SSR (Factory Set)
	Output 3	0-10V DC/4-20mA DC Controlling/Retransmission Output (Factory Set)
SPECIFICATION	Control Action	PID / ON-OFF (Configurable)
	Accuracy	±1% of FSD
	Supply	85-270VAC, 50/60 Hz

TEMPERATURE

UNIVERSAL INPUT CONTROLLER Auto Tune PID, RS-485 MODBUS Facility



MODEL	PTC-9615M	PTC-4815M
Dimension (HxWxD) mm	96 X 96 X 80	48 X 48 X 95
Panel Cutout (mm)	92 X 92	44 X 44
INPUT	Input	J/K/PT-100/0-5V DC/0-10V DC/4-20mA/0-20mA 2W/3W (Configurable)
	Range	J (0°C to 600°C), K (0°C to 1200°C), PT-100 2W/3W (-99°C TO 400°C, -99.9°C TO 400.0°C) For Temperature Sensor -999 To 9999 for analog input
OUTPUT	Output 1	Relay/SSR (Factory Set)
	Output 2	Relay/SSR (Factory Set)
PC Communication	RS-485 MODBUS Communication	
SPECIFICATION	Control Action	PID / ON-OFF (Configurable)
	Accuracy	±1% of FSD
	Supply	85-270VAC, 50/60 Hz

UNIVERSAL INPUT CONTROLLER Auto Tune PID, RS-485 MODBUS Facility WITH RETRANSMISSION 4-20MA



MODEL	PTC-9615RM	PTC-4815RM
Dimension (HxWxD) mm	96 X 96 X 80	48 X 48 X 95
Panel Cutout (mm)	92 X 92	44 X 44
INPUT	Input	J/K/PT-100/0-5V DC/0-10V DC/4-20mA/0-20mA 2W/3W (Configurable)
	Range	J (0°C to 600°C), K (0°C to 1200°C), PT-100 2W/3W (-99°C TO 400°C, -99.9°C TO 400.0°C) For Temperature Sensor -999 To 9999 for analog input
OUTPUT	Output 1	Relay/SSR (Factory Set)
	Output 2	Relay/SSR (Factory Set)
	Output 3	0-10V DC/4-20mA DC Controlling/Retransmission Output (Factory Set)
PC Communication	RS-485 MODBUS Communication	
SPECIFICATION	Control Action	PID / ON-OFF (Configurable)
	Accuracy	±1% of FSD
	Supply	85-270VAC, 50/60 Hz

TEMPERATURE PID CONTROLLER WITH PEN DRIVE COMPATIBILITY DATA LOGGING (GRAPHICAL DISPLAY)



MODEL	PTC-9615-GU	PTC-9615-G
Dimension (HxWxD) mm	96 X 96 X 80	96 X 96 X 80
Panel Cutout (mm)	92 X 92	92 X 92
INPUT	J/K/T/R/S/E/L TC PT-100/0-5V/0-10 VDC/4-20mA/0-20mA 2W/3W (Configurable)	
Range	J (0°C to 600°C), K (0°C to 1200°C), PT-100 2W/3W (-99°C TO 400°C, -99.9°C TO 400.0°C) For Temperature Sensor -999 To 9999 for analog input	
OUTPUT	Output 1 Relay1/SSR (Factory Set) Output 2 Relay2/SSR (Factory Set) Output 3 0-10V DC/4-20mA DC Output 4 Controlling / Retransmission Output (Factory Set) Pen Drive Compatibility	
PC Communication	RS-485 MODBUS Communication	
SPECIFICATION	Control Action PID / ON-OFF (Configurable) Accuracy ±1% of FSD Supply 85-270VAC, 50/60 Hz	

SMART PID CONTROLLER WITH PEN DRIVE COMPATIBILITY DATA LOGGING (GRAPHICAL DISPLAY) WIRELESS DATA TRANSMISSION



MODEL	PTC-9620-GU
Dimension (HxWxD) mm	96 X 96 X 80
Panel Cutout (mm)	92 X 92
INPUT	J/K/T/R/S/E/L TC PT-100/0-5V/0-10 VDC/4-20mA/0-20mA 2W/3W (Configurable)
Range	J (0°C to 600°C), K (0°C to 1200°C), PT-100 2W/3W (-99°C TO 400°C, -99.9°C TO 400.0°C) For Temperature Sensor -999 To 9999 for analog input
OUTPUT	Output 1 Relay1/SSR (Factory Set) Output 2 Relay2/SSR (Factory Set) Output 3 0-10V DC/4-20mA DC Output 4 Controlling / Retransmission Output (Factory Set) Pen Drive Compatibility
PC Communication	RS-485 MODBUS Communication
SPECIFICATION	Control Action PID / ON-OFF (Configurable) Accuracy ±1% of FSD Supply 85-270VAC, 50/60 Hz

IIOT SOLUTIONS

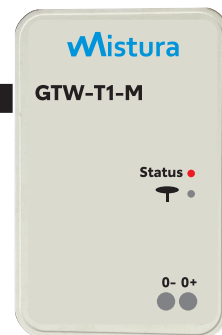


RS-485 MODBUS RTU

Monitoring System
Data Logging on Cloud



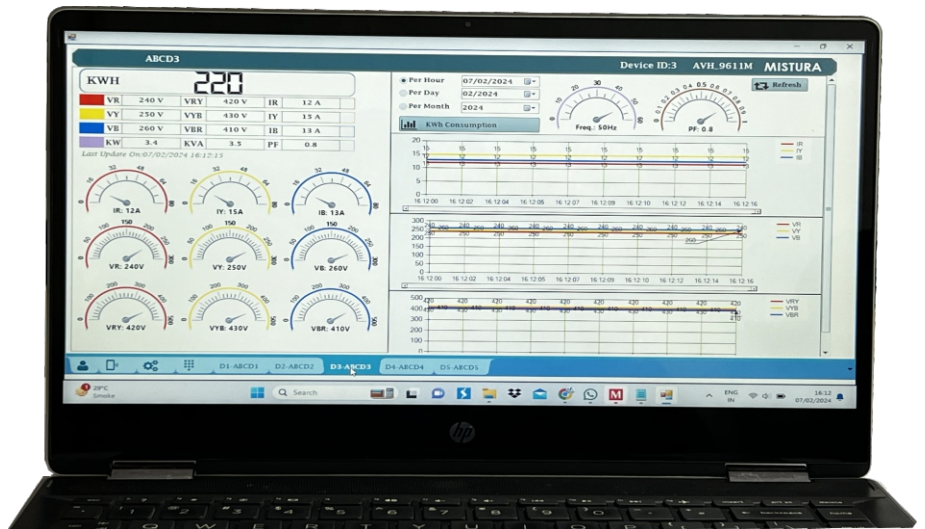
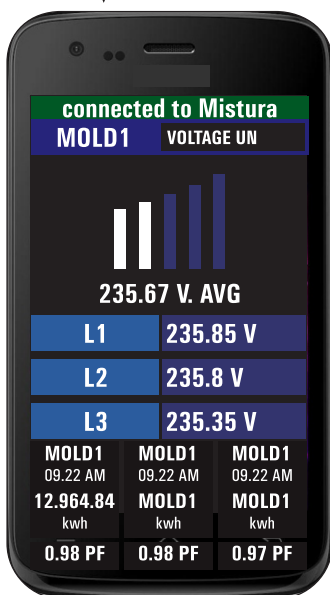
Cloud Storage



Gateway



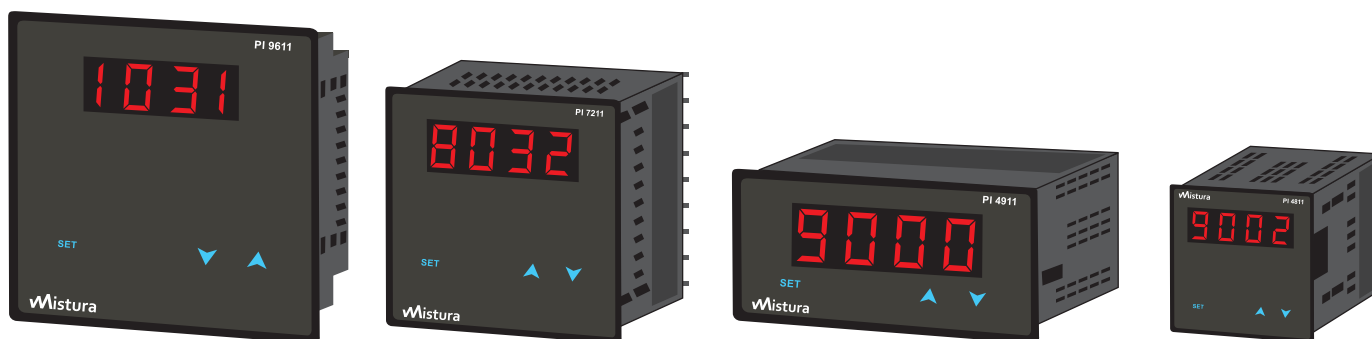
Web application



PROCESS CONTROL INSTRUMENT

PROCESS INDICATORS

Full Featured



MODEL	PI-9611A	PI-7211A	PI-4911A	PI-4811A
Dimension (HxWxD) mm	96 X 96 X 42	72 X 72 X 60	48 X 96 X 85	48 X 48 X 70
Panel Cutout (mm)	92 X 92	68 X 68	44 X 92	44 X 44
INPUT	Sensor	0-5V DC/0-10V DC/0-20mA DC/4-20mA DC (Configurable)		
	Range	-999 to 9999 (Configurable)		
RESOLUTION	0.000/00.00/000.0/0000 (Configurable)			
FEATURES	Correction Factor, Offset, Filtrations Rate, Reverse Scaling			
SUPPLY	230V AC, \pm 10% 50Hz			

PROCESS CONTROLLER WITH RETRANSMISSION (RS-485 AVAILABLE)



MODEL	PTC-4911	PTC-4912
Dimension (HxWxD) mm	48 X 96 X 85	48 X 96 X 85
Panel Cutout (mm)	44 X 92	44 X 92
INPUT	Sensor	J, K, R, S, T, U, Pt100, 0-10V DC/0-5V DC/4 To 20mA DC/0 To 20mA DC (Configurable)
	Range	-999 to 9999 (Configurable)
OUTPUT	Output 1	2Relay 5A, 230V AC
	Output 2	24V DC transmitter Supply
	Output 3	RS 485 (Optional)
SPECIFICATION	Operating Mode	High / Low / Inband / Outband / Absolute Low / Absolute Outband Alarm (Configurable)
	Accuracy	\pm 1% of FSD
	Supply	85-270VAC, 50/60 Hz

PROCESS CONTROL INSTRUMENT

FLOW RATE INDICATOR CUM TOTALISER with Retransmission & Excitation Facility



MODEL	MFC-9611	MFC-9611G
Dimension (HxWxD) mm	96 X 96 X 50	96 X 96 X 80
Panel Cutout (mm)	92 X 92	92 X 92
INPUT		
Sensor	4 To 20mA DC / 0 To 10V DC / Pulse (Factory set)	
Range	0 To 99999999 For Total Flow 0 To 9999 For Flow Rate	
OUTPUT		
Output 1	4-20mA DC/0-10V DC Retransmission (Factory Set)	
Output 2	24V DC Transmitter Supply	
Output 3	1Relay / 2Relay ,5A,230V AC (On Total Flow or Flow Rate)	
Output 4	RS-485 MODBUS Communication (Optional)	
SPECIFICATION	Pen Drive Compatibility DATA Logging (MFC 9611GU)	
Accuracy	±1% of FSD	
Supply	85-270VAC, 50/60 Hz	

LOAD CELL CONTROLLER Highly Accurate



MODEL	LDC-9662
Dimension (HxWxD) mm	96 X 96 X 80
Panel Cutout (mm)	92 X 92
INPUT	0 to 30 mv DC
OUTPUT	
Output 1	2 Relay 1 C/O 5A 230V AC
Output 2	4 Relay 1 C/O 5A 230V AC (Optional)
Output 3	4 to 20ma (Optional)
Output 4	RS-485 MODBUS Communication (Optional)
SPECIFICATION	
Accuracy	±0.05% of FSD
Supply	85-270VAC, 50/60 Hz

PROCESS CONTROL INSTRUMENT

8 CHANNEL SCANNER WITH RS-485 MODBUS CONNECTIVITY

8 Channel Indicator




MODEL	MS-9611	MS-9608
Dimension (HxWxD) mm	96 X 96 X 50	96 X 96 X 50
Panel Cutout (mm)	92 X 92	92 X 92
INPUT	Sensor	J/K/PT-100/2W/3W 0-10V DC
	Range	J (0°C - 400°C), K (0°C - 1200°C), PT-100 (-99.9°C - 400.0°C) (For Temperature I/P)
OUTPUT	Output 1	RS-485 MODBUS Communication (Optional)
	Accuracy	±1% of FSD
SPECIFICATION	Supply	80-270VAC, 50/60 Hz

8 CHANNEL SCANNER WITH RS-485 MODBUS CONNECTIVITY

Upto 4 Relay Outputs, Data Logging with Pen Drive compatibility (USB)



MODEL	MS-9700		MS-9600
Dimension (HxWxD) mm	96 X 96 X 50		96 X 96 X 50
Panel Cutout (mm)	92 X 92		92 X 92
INPUT	Sensor	J/K/PT-100 - 2W / 3W (Configurable)	0-5V DC / 0-10V DC / 4-20mA DC / 0-20mA DC (Analog Input) (Configurable)
	Range	J: 600°C, K: 1200°C, RTD PT 2W/3W : (-99°C to 400°C, -99.9°C to 400.0°C)	-999 To 9999 (Configurable)
OUTPUT	Output 1	4 Relay with grouping facility	4 Relay with grouping facility
	Output 2	RS 485 MOBUS Communication	RS 485 MOBUS Communication
	Output 3	USB Port, Pen drive compatible	
SPECIFICATION	Control Action	ON/OFF Action	
	Accuracy	±1% of FSD	
	Supply	85-270VAC, 50/60 Hz	

PROCESS CONTROL INSTRUMENT

SIGNAL ISOLATOR & CURRENT TRANSDUCER



MODEL	SI-200	SI-200A	CTR-200
Dimension (HxWxD) mm	75 X 45 X 110	75 X 45 X 110	70 X 45 X 113
Mounting	Din rail mounting		Din rail mounting
INPUT	Input Singal 0-20mA DC / 4-20mA DC / 0-10V DC		0 To 5A AC, 0 To 10A AC (Factory Set)
	Resistance 2Wire or 3Wire Port - Any range in mV DC (Factory Set)		
OUTPUT	0-10V DC / 4-20mA DC Factory Set 24V DC Output	0-10V DC / 4-20mA DC Factory Set (Dual Channel)	Single Output (0-20mA DC / 4-20mA DC / 0-10V DC) (Factory Set)
SPECIFICATION	Accuracy ±1% of FSD		
	Supply 80-270V AC, 50/60 Hz, SMPS/24V DC (Factory Set)		

Note : SI 200A For Dual Output

LOOP POWERED TRANSMITTER



MODEL	LPT-4511	LPT-4511U	LPT-200
Dimension (HxWxD) mm	Diameter : 45 mm	Diameter : 45 mm	75 x 22.5 x 100
Mounting	Head Mounting		Din Rail Mounting
INPUT	Sensor	PT-100 3Wire	PT-100/2Wire or 3Wire
	Range	PT-100: 0 to 100/ 0 to 200/ 0 to 300/ 0 to 400 (Configurable) / Fix Range	
OUTPUT	4-20mA DC Signal (2 Wire System)		
SPECIFICATION	Supply 24V DC Loop Powered		

TIMER PROGRAMMABLE TIMER Universal Range - 1 Relay Output



MODEL	UTR-9611	UTR-7211	UTR-4811
Dimension (HxWxD) mm	96 X 96 X 42	72 X 72 X 60	48 X 48 X 70
Panel Cutout (mm)	92 X 92	68 X 68	44 X 44
INPUT	Sensor Micro Switch / Limit Switch / Proximity (Configurable)		
	Range 99.99 / 999.9 / 9999 Sec/Min/Hrs (Configurable)		
OUTPUT	1 Relay, 2C/O, 5A , 230V AC, 12V DC SSR Output (Any one factory set)		
SPECIFICATION	Operating Mode Delayed ON/Delayed OFF/Cycle Mode (Configurable)		85-270V AC, 50/60 Hz
	Count Direction Up / Down (Configurable)		
	Memory Yes / No (Configurable)		
	Reset Front & Back Both Reset Available		
	Supply 230VAC \pm 10% 50Hz		

PROGRAMMABLE TIMER (With Multi Mode) Universal Range - 2 Relay output



MODEL	UTR-9612	UTR-7212	UTR-4812
Dimension (HxWxD) mm	96 X 96 X 50	72 X 72 X 60	48 X 48 X 70
Panel Cutout (mm)	92 X 92	68 X 68	44 X 44
INPUT	Sensor Micro Switch / Limit Switch / Proximity (Configurable)		
	Range 99.99 / 999.9 / 9999 Sec/Min/Hrs (Configurable)		
OUTPUT	2Relay, 2C/O, 5A , 230V AC, 12V DC SSR Output (Any one factory set)		
SPECIFICATION	Operating Mode Forward - Reverse Mode / Cycle Mode / Sequential Mode / Combination Mode (Configurable)		85-270V AC, 50/60 Hz
	Count Direction Up / Down (Configurable)		
	Memory Yes / No (Configurable)		
	Reset Front & Back Both Reset Available		
	Supply 230VAC, \pm 10% 50Hz		

TIMER PROGRAMMABLE TIMER

Universal Range - 1 Relay Output Single Display



MODEL	UTR-9601	UTR-7201	UTR-4801
Dimension (HxWxD) mm	96 X 96 X 42	72 X 72 X 60	48 X 48 X 70
Panel Cutout (mm)	92 X 92	68 X 68	44 X 44
INPUT	Sensor Micro Switch / Limit Switch / Proximity (Configurable)		
	Range 99.99 / 999.9 / 9999 Sec/Min/Hrs (Configurable)		
OUTPUT	1 Relay, 2C/O, 5A , 230V AC, 12V DC SSR Output (Any one factory set)		
SPECIFICATION	Operating Mode Delayed ON/Delayed OFF/Cycle Mode (Configurable)		85-270V AC, 50/60 Hz
	Count Direction Up / Down (Configurable)		
	Memory Yes / No (Configurable)		
	Reset Front & Back Both Reset Available		
	Supply 230VAC \pm 10% 50Hz		

Note : For Single Display (UTR 9601, UTR 7201, UTR 4801)

UP DOWN TIMER (HYDRAULIC TIMER)

Paper Plate Controller 2 Relay output



MODEL	UDT-9611
Dimension (HxWxD) mm	96 X 96 X 50
Panel Cutout (mm)	92 X 92
INPUT	Sensor Micro Switch / Limit Switch / Proximity (Configurable)
	Range 99.99 / 999.9 / 9999 Sec/Min/Hrs (Configurable)
OUTPUT	2Relay, 2C/O, 5A , 230V AC, 12V DC SSR Output (Any one factory set)
SPECIFICATION	Memory Yes / No (Configurable)
	Reset Front & Back Both Reset Available
	Supply 230VAC, \pm 10% 50Hz

TIMER

DIGITAL PRESETABLE TIMER

Thumbwheel Setting



MODEL	DT-9611	DT-7211
Dimension (HxWxD) mm	96 X 96 X 50	72 x 72 x 75
Panel Cutout (mm)	92 X 92	68 x 68
Range	999 , 99.9 Min / Sec (Configurable)	
Output	2C/O, 5A, 230V AC/12V DC SSR Output (Any one factory set)	
SPECIFICATION		
Reset Mode	Auto / Manual	
Operation Mode	Delayed ON / Delayed OFF (Configurable)	
Counting Direction	UP / DOWN (Configurable)	
Memory	YES / NO (Configurable)	
Supply	230V AC \pm 10%, 50Hz (Linear Power Supply)	

DIGITAL PRESETABLE TIMER

Fix Range-Thumbwheel Setting



MODEL	DT-9612	DT-7212	DT-4812
Dimension (HxWxD) mm	96 X 96 X 50	72 x 72 x 75	48 x 48 x 95
Panel Cutout (mm)	92 X 92	68 x 68	44 x 44
Range	999, 99.9 Sec/Min/Hrs (Configurable)		
Output	2C/O, 5A, 230V AC/12V DC SSR Output (Any one factory set)		
SPECIFICATION			
Reset Mode	Auto / Manual		
Operation Mode	Delayed ON / Delayed OFF (Configurable)		
Counting Direction	UP / DOWN (Configurable)		
Memory	YES / NO (Configurable)		
Supply	230V AC \pm 10%, 50Hz (Linear Power Supply)		

TIMER SEQUENTIAL TIMER With Cascading Facility



8 CHANNEL



12 CHANNEL



4 CHANNEL

MODEL	SQT-9611	SQT-9612	MDT-9611
Dimension (HxWxD) mm	96 X 96 X 50	96 X 96 X 50	96 X 96 X 50
Panel Cutout (mm)	92 X 92	92 X 92	92 X 92
RANGE	Range 99.99 / 999.9 Sec / 99.59 / 999.9 Min / 99.59/999.9 Hrs (Configurable)		99.99 / 999.9 / 9999 Sec/Min/Hrs (Configurable)
OUTPUT	8 Relay 1C/O, 5A, 230V AC/12V DC SSR Output (Any one factory set)	12 Relay 1C/O, 5A, 230V AC/12V DC SSR Output (Any one factory set)	4 Relay 1C/O, 5A, 230V AC/12V DC SSR Output (Any one factory set)
SPECIFICATION	Operating Mode Delayed ON/Instant ON/Cycle Mode (Configurable) Count Direction Up / Down (Configurable) Memory Yes / No (Configurable) Reset Front & Back Both Reset Available Supply 85-270V AC, 50/60 Hz		Operating Mode Delayed ON/Delayed OFF/Cycle Mode (Configurable) Count Direction Up / Down (Configurable) Memory Yes / No (Configurable) Reset Front & Back Both Reset Available Supply 230V AC ± 10%, 50Hz (Linear Power Supply)
NOTE	Cascading facility available in SQT- 9611 Sequential timer up to 1 + 3 parallel		SSR output is available on request

TIMER TOTALIZER Hour Meter



MODEL	CT-9000T	CT-7000T	CT-3000T	CT-56T	CT-2000T
Dimension (HxWxD) mm	96 X 96 X 42	72 X 72 X 60	48 X 96 X 85	38 X 62 X 75	36 X 72 X 76
Panel Cutout (mm)	92 X 92	68 X 68	44 X 92	31 X 54	29 X 66
Range	Range 1) 9999.59 hr/min. 2) 9999.59 min/sec 3) 999999 hr 4) 999999 Min 5) 999999 sec (Configurable)				
Input	Input Micro Switch/ Limit Switch / Proximity Switch / 230V AC (Factory Set)				
SPECIFICATION	Supply 230V AC ± 10%, 50Hz (Linear Power Supply)				

TIMER



Model	R100/R100A	
Dimension (HxWxD)mm	75 x 22.5 x 100	
Mounting	Din Rail Mounting	
INPUT	Range	0-30 Sec (R100A) 0-60 Sec (R100)
OUTPUT	1 Relay (1C/O, 5A 230V AC (Resistive Load))	
POWER SUPPLY	230V AC + 20% 50Hz	
Note	24V DC, 415V AC Supply available on request	

Model	SD100	
Dimension (HxWxD)mm	75 x 22.5 x 100	
Mounting	Din Rail Mounting	
INPUT	Range	0-30 / 0-60 Sec change overtime 50/100 ms
OUTPUT	2 Relay (1C/O, 5A 230V AC (Resistive Load)) 1 each for star & Delta	
POWER SUPPLY	230V AC + 20% 50Hz	
Note	415V AC supply available on request	



Model	MQ100	
Dimension (HxWxD)mm	75 x 22.5 x 100	
Mounting	Din Rail Mounting	
INPUT	Range	3 / 10 / 30 / 60 sec / min.
OUTPUT	1 Relay (1C/O, 5A 230V AC (Resistive Load))	
POWER SUPPLY	230V AC + 20% 50Hz & 24V AC / DC	
Note	415V AC supply available on request	



Model	XA100	
Dimension (HxWxD)mm	75 x 22.5 x 100	
Mounting	Din Rail Mounting	
INPUT	Range	3 / 10 / 30 / 60 sec / min.
OUTPUT	1 Relay (2C/O, 5A 230V AC (Resistive Load))	
POWER SUPPLY	20V AC to 250V AC, 12V DC to 250V DC	
Note		



TIMER



Model	XU100
Dimension (HxWxD)mm	75 x 22.5 x 100
Mounting	Din Rail Mounting
INPUT Range	1 / 3 / 10 / 30 sec / min / hr.
OUTPUT	1 Relay (2C/O, 5A 230V AC (Resistive Load))
POWER SUPPLY	20V AC to 250V AC, 12V DC to 250V DC
Note	

Model	C100U
Dimension (HxWxD)mm	75 x 22.5 x 100
Mounting	Din Rail Mounting
INPUT Range	1 / 10 sec / min / hr. for both on / off
OUTPUT	2 Relay (1C/O, 5A 230V AC (Resistive Load))
POWER SUPPLY	20V AC to 250V AC, 12V DC to 250V DC
Note	415V AC supply available on request



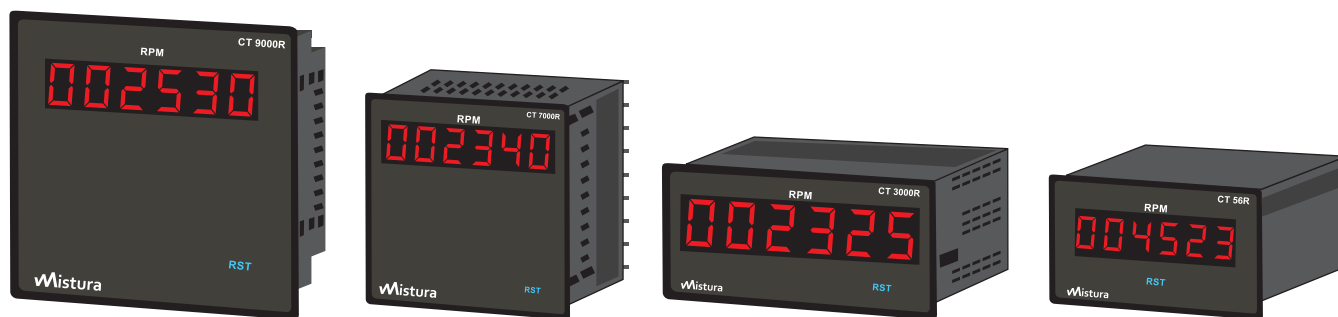
Model	XMR100
Dimension (HxWxD)mm	75 x 22.5 x 100
Mounting	Din Rail Mounting
INPUT Range	1 / 10 / 30 / 100 sec, 10 / 30 / 100 min, 10 Hrs. (Forward & reverse time) 10 / 100 sec (Pause time)
OUTPUT	2 Relay (1C/O, 5A 230V AC (Resistive Load)) each for Forward & reverse
POWER SUPPLY	230V AC + 20% 50Hz
Note	24V AC / DC, 415V AC supply available on request



Model	WLC100
Dimension (HxWxD)mm	75 x 22.5 x 100
Mounting	Din Rail Mounting
INPUT Range	0.5 sec approx trip delay.
OUTPUT	1 Relay (2C/O, 5A 230V AC (Resistive Load))
POWER SUPPLY	100 to 270V AC, 20% 50 / 60Hz
Note	



COUNTER DIGITAL RPM INDICATOR



MODEL	CT-9000R	CT-7000R	CT-3000R	CT-56R	CT-2000R
Dimension (HxWxD) mm	96 X 96 X 42	72 X 72 X 60	48 X 96 X 85	38 X 62 X 85	36 X 72 X 76
Panel Cutout (mm)	92 X 92	68 X 68	44 X 92	31 X 54	29 X 66
INPUT	Sensor NPN/PNP Proximity Switch (Configurable)				
	Range 4 - 5000 RPM				
SPECIFICATION	Supply 230V AC ± 10%, 50Hz				

DIGITAL COUNT TOTALISER



MODEL	CT-9000	CT-7000	CT-3000	CT-56G	CT-2000
Dimension (HxWxD) mm	96 X 96 X 42	72 X 72 X 60	48 X 96 X 85	38 X 62 X 85	36 X 72 X 76
Panel Cutout (mm)	92 X 92	68 X 68	44 X 92	31 X 54	29 X 66
INPUT	Sensor NPN/PNP Proximity Switch / Micro Switch (Configurable). / 230V AC Pulse				
	Range 0 To 999999 Count				
SPECIFICATION	Memory Non-Volatile Memory				
	Reset Manual Reset, Back Reset (Optional)				
	Supply 230V AC ± 10%, 50Hz				

COUNTER

DIGITAL PRESETABLE COUNTER

With Thumbwheel Setting



MODEL	PC-9611	PC-7211
Dimension (HxWxD) mm	96 X 96 X 50	72 X 72 X 85
Panel Cutout (mm)	92 X 92	68 X 68
INPUT	Sensor: NPN/PNP Proximity switch / Micro Switch (Configurable) / 230V AC Pulse / Encoder (Factory Set)	
	Range: 0 To 999	
OUTPUT	1 Relay, 2C/O, 5A , 230V AC, 12V DC SSR Output (Any one factory set)	
SPECIFICATION	Operating Mode: Delayed ON/Delayed OFF (Configurable)	
	Count Direction: Up / Down (Configurable)	
	Memory: Yes / No (Configurable)	
	Speed Selection: Low, Medium, Fast (Configurable)	
	Supply: 230V AC \pm 10%, 50/60Hz	
	Note: Double set point & Scale factor Available on customer request	

DIGITAL PROGRAMMABLE COUNTER



MODEL	PC-9612	PC-7212	PC-4812
Dimension (HxWxD) mm	96 X 96 X 42	72 X 72 X 60	48 x 48 x 70
Panel Cutout (mm)	92 X 92	68 X 68	44 x 44
INPUT	Sensor: NPN/PNP Proximity Switch / Micro Switch (Configurable) / 230V AC Pulse / Encoder (Factory Set)		
	Range: 0 - 9999 Count		
OUTPUT	1 Relay, 1 C/O, 5A , 230V AC, 12V DC SSR Output (Any one factory set)		
SPECIFICATION	Count Direction: Up / Down (Configurable)		
	Memory: Yes / No (Configurable)		
	Reset: Auto / Manual Reset / Reset at back		
	Supply: 230V AC \pm 10%, 50Hz		85-270V AC, 50/60 Hz
Note	Double set point & Scale factor Available on customer request		

COUNTER BATCH COUNTER



MODEL	BC-9611	BC-7211	BC-4811
Dimension (HxWxD) mm	96 X 96 X 42	72 X 72 X 60	48 X 48 X 70
Panel Cutout (mm)	92 X 92	68 X 68	44 X 44
INPUT	Sensor NPN/PNP Proximity Switch / Micro Switch (Configurable) / 230V AC Pulse (Factory Set)		NPN/PNP Proximity Switch / Micro Switch / 230V AC Pulse (Factory Set)
RANGE	Range Upper display range (0 -999999 Count) Lower display range (0 -9999)		Upper display range (0 -9999 Count) Lower display range (0 -9999)
OUTPUT	1 Relay+Buzzer / SSR + Buzzer (factory set)		
SPECIFICATION	Memory Non-Volatile Memory Reset Auto / Manual reset / back reset		
	Supply 230V AC ± 10%, 50Hz		85-270V AC, 50/60 Hz SMPS

LENGTH COUNTER With Proximity



MODEL	LC-9611	LC-7211	LC-4811
Dimension (HxWxD) mm	96 X 96 X 42	72 X 72 X 60	48 X 48 X 70
Panel Cutout (mm)	92 X 92	68 X 68	44 X 44
INPUT	Sensor NPN/PNP Proximity Switch (Configurable) / Encoder (Factory set)		
RANGE	0-99999.9 / 0-999999 Meter (Configurable)		0-9999 Meter (Configurable)
OUTPUT	1 Relay, 1C/O, 5A, 230V AC/12V DC SSR Output (Any one factory set)		
SPECIFICATION	MPM Range 999.9 MPM Diameter 0-9999.99 MM Memory Non-Volatile Memory Reset Auto/Manual reset facility & front and back reset facility		
	Supply 230V AC ± 10%, 50Hz		85-270V AC, 50/60 Hz SMPS

Note : Encoder Input available as per requirement

COUNTER

PROGRAMMABLE COUNTER

Counter + RPM



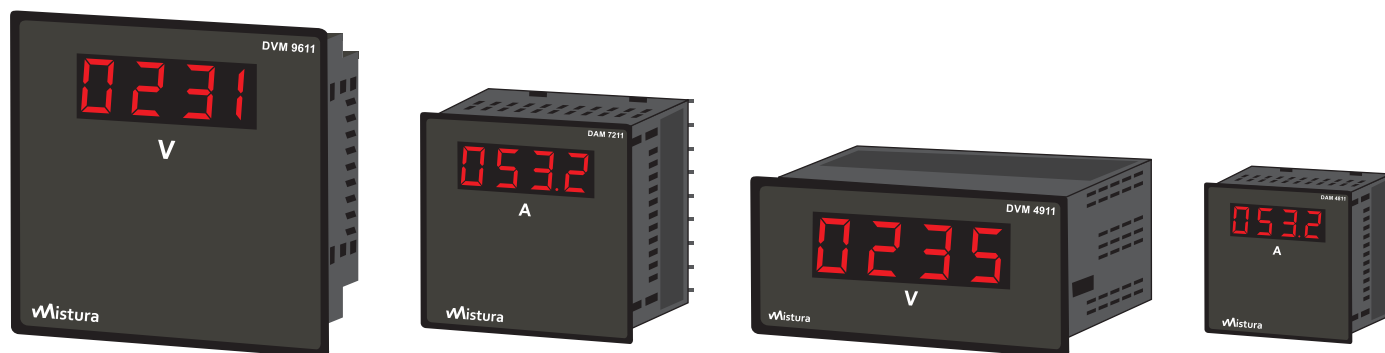
MODEL	MMC-9611	MMC-7211
Dimension (HxWxD) mm	96 X 96 X 42	72 X 72 X 60
Panel Cutout (mm)	92 X 92	68 X 68
INPUT	Sensor: NPN/PNP Proximity switch / Micro Switch (Configurable) / 230V AC Pulse (Factory Set)	
	Range: Upper Display Range: (0-999999 Count) , Lower Display Range: (0-9999 RPM)	
OUTPUT	Output: 1 Relay, 1C/O, 5A, 230V AC/12V DC SSR Output (Any one factory set)	
SPECIFICATION	Memory: Non-Volatile Memory	
	Reset: Auto / Manual Reset / Back reset	
	Supply: 230V AC \pm 10%, 50Hz	

DIGITAL RPM COUNTER



MODEL	RC-9611	RC-7211	RC-4811
Dimension (HxWxD) mm	96 X 96 X 42	72 X 72 X 60	48 X 48 X 70
Panel Cutout (mm)	92 X 92	68 X 68	44 X 44
INPUT	Sensor: NPN/PNP Proximity Switch / Micro Switch (Configurable) / 230V AC Pulse / Encoder (Factory Set)		
	Range: 0 - 9999 RPM		
OUTPUT	1 Relay, 1 C/O, 5A , 230V AC, 12V DC SSR Output (Any one factory set)		
SPECIFICATION	Supply: 230V AC \pm 10%, 50Hz		85-270V AC, 50/60 Hz
Note	Double set point & Scale factor Available on customer request		

ENERGY SINGLE PHASE AC PANEL METER VOLT / AMP METER



MODEL	DVM-9611/DAM-9611	DVM-7211/DAM-7211	DVM-4911/DAM-4911	DVM-4811/DAM-4811
Dimension (HxWxD) mm	96 X 96 X 42	72 X 72 X 60	48 X 96 X 85	48 X 96 X 70
Panel Cutout (mm)	92 X 92	68 X 68	44 X 92	44 X 44
INPUT	5A AC Direct			
Ampere (AC)	Primary: 5/5 to 5000/5A AC			
CT Ratio	30 to 500V AC			
Volatge (AC)				
SPECIFICATION	Class 1.0			
Accuracy	230V AC ±10%, 50Hz			
Power Supply				
Note	30A AC Direct CT Available at back side (DAM 9612, DAM 7212, DAM 4912, DAM 4812)			

SINGLE PHASE AC PANEL METER VOLT + AMP METER



MODEL	AV-9611	AV-7211	AV-4911
Dimension (HxWxD) mm	96 X 96 X 42	72 X 72 X 60	48 X 96 X 85
Panel Cutout (mm)	92 X 92	68 X 68	44 X 92
INPUT	CT Ratio selection upto 5000/5 Amp		
Current Input	30 to 500V AC		
Voltage Input			
SPECIFICATION	Class 1.0		
Accuracy	230V AC ±10%, 50Hz		
Power Supply			
Note	30A AC Direct CT Available at back side (AV 9612, AV 7212, AV 4912)		

ENERGY DC PANEL METER

DC VOLT / AMP Meter



MODEL	DVM/DAM-9613	DVM/DAM-7213	DVM/DAM-4913	DVM/DAM-4813
Dimension (HxWxD) mm	96 X 96 X 42	72 X 72 X 60	48 X 96 X 85	48 X 48 X 70
Panel Cutout (mm)	92 X 92	68 X 68	44 X 92	44 X 44
INPUT	Ampere (AC) 0 to 9999 Ampere DC Through 75mV DC external shunt Volatge (AC) 19.99V DC / 49.99V DC / 99.99V DC / 199.9V DC / 750V DC (Factory set)			
SPECIFICATION	Accuracy $\pm 1\%$ Of Full Range ± 1 Count Power Supply 230V AC $\pm 10\%$, 50Hz			

SINGLE PHASE DC PANEL METER



MODEL	AV-9613	AV-7213	AV-4913
Dimension (HxWxD) mm	96 X 96 X 42	72 X 72 X 60	48 X 96 X 85
Panel Cutout (mm)	92 X 92	68 X 68	44 X 92
INPUT	Ampere (AC) 0 to 9999 Ampere DC Through 75mV DC external shunt Volatge (AC) 0 to 1000V DC Watt (DC) 0000 to 7499 KW DC		
SPECIFICATION	Accuracy $\pm 1\%$ Of Full Range ± 1 Count Power Supply 85-270V AC, 50/60 Hz		

ENERGY 3 PHASE PANEL METER AVF Meter



MODEL	AVF-9611
Dimension (HxWxD) mm	96 X 96 X 50
Panel Cutout (mm)	92 X 92
INPUT	Input Signal Voltage Current
PARAMETER	3Ø 4 Wire / 3Ø 3Wire / 1Ø 2 Wire 300V AC (L-N) / 520V AC (P-P) 5/5A to 6000/5A CT Ratio Selectable
SPECIFICATION	Accuracy Power Supply
	Voltage (P-P), Voltage (P-N), Average Voltage (P-P), Average Current (R,Y & B), Average Voltage (P-N) Line Current (R,Y & B), Frequency, RPM, Load Hour, No Load Hour
	Class 1.0 230V AC ±10%, 50Hz

3 PHASE PANEL METER VOLT / AMP Meter



MODEL	VOLT-9611	AMP-9611
Dimension (HxWxD) mm	96 X 96 X 50	96 X 96 X 50
Panel Cutout (mm)	92 X 92	92 X 92
PARAMETERS	Input Signal Voltage (AC) Ampere (AC)	current 0.5A to 5A Primary 5A to 5000 AC Secondary 5A
SPECIFICATION	Accuracy Power Supply	
	Class 1.0 230V AC ± 10%, 50Hz	

ENERGY ENERGY & POWER METER



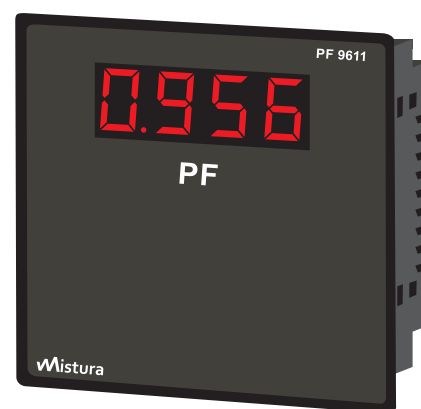
MODEL	EPM-9611	EPM-9601
Dimension (HxWxD) mm	96 X 96 X 50	96 X 96 X 50
Panel Cutout (mm)	92 X 92	92 X 92
INPUT	Input Signal 3Ø 4 Wire 30-300V AC (L-N) Voltage 50V-520V AC (P-P) Current 5/5 to 4000/5A AC	1Ø 2 Wire 30-300V AC (L-N) 5/5 to 4000/5A AC
SPECIFICATION	Reset By front Keypad Measuring Range 0.000 to 9999 kW (Active power) 0 to 999999 kWh (Active energy) Accuracy Class 0.5 Power Supply 230V AC ± 10%, 50Hz	By front Keypad 0 to 999999 kWh (Active Energy) 0.000 to 9999 kW (Active power) Class 0.5 230V AC ± 10%, 50Hz

PANEL METER Watt Meter



MODEL	WM-9611/WM-9612
Dimension (HxWxD) mm	96 X 96 X 50
Panel Cutout (mm)	92 X 92
INPUT	Input Signal 1Ø 2 Wire / 3Ø 3 Wire Voltage 300V AC (L-N) / 50 to 520 V AC Current 5/5 to 4000/5A AC CT Selection Secondary Function 5A/1A (Configurable)
SPECIFICATION	Measuring Range 0 to 1250 Watts Accuracy Class 0.5 Power Supply 230V AC ± 10%, 50Hz
Note	Also available in 199.9 Watt Range 1 Relay on KW is available in WM-11

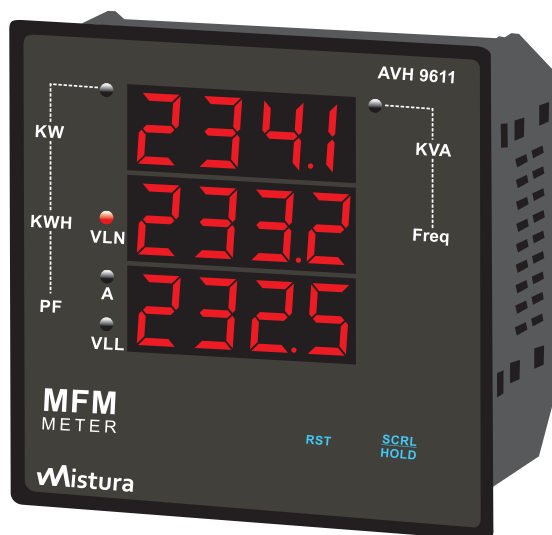
POWER FACTOR METER



MODEL	PF-9611/PF-9612
Dimension (HxWxD) mm	96 X 96 X 50
Panel Cutout (mm)	92 X 92
INPUT	Input Signal 1Ø 2 Wire / 3Ø 4 Wire Voltage 20 to 300V AC/50 to 520V AC Current 5/5 to 4000/5A AC
SPECIFICATION	Accuracy Class 0.5 Power Supply 230V AC ± 10%, 50Hz

ENERGY MULTI FUNCTION METER

With RS-485 MODBUS



MODEL	AVH-9611
Dimension (HxWxD) mm	96 X 96 X 50
Panel Cutout (mm)	92 X 92
INPUT	
Input Signal	3Ø 3 Wire / 3Ø 4Wire
Voltage	300V AC (L-N) / 520V AC (P-P)
Current	5/5A to 4000/5A CT Ratio Selectable
PARAMETER	
Voltage (L-L)	50 - 520V AC
Voltage (L-N)	30 - 300V AC
Current (~A)	5/5A to 4000/5A CT Ratio Selectable
KW Total	0.000 - 9999 KW
KW Per Phase	0.000 - 9999 KW
KWH Total	000.000 - 999999 KWH
Power Factor Average (PF)	0.100 - 1.000
Power Factor per phase (PF)	0.100 - 1.000
KVA Total	0.000 - 9999 KVA
Frequency (Hz)	45 - 65 Hz
KVAr Total	0.000 - 9999 KVAr
Load hours	9999.59 Hrs/Min.
No load hours	9999.59 Hrs/Min.
RPM	1500 RPM
COMMUNICATION	
	RS-485 MODBUS (Optional)
SPECIFICATION	
Accuracy	Class 1.0
Power Supply	230V AC ±10%, 50Hz

ENERGY PROTECTION DEVICE - 3 PHASE



MODEL	MPD-9611	MPD-500
Dimension (HxWxD) mm	96 X 96 X 50	75 X 55 X 110
INPUT	Panel Cutout (mm) 92 x 92 Input Singal 3Ø 4W / 3Ø 3W Voltage 50 - 520V AC (L-L), 30 - 300V AC (L-N) Current 60mA to 5A (CT Selection 5A-2000A Ac) (Additional Leakage Current Measurement thru CBCT)	Din Rail Mounting
OUTPUT	1st Relay (NO-C-NC) 10A, 230V AC, (resistive load) 2nd Relay (NO-C) 5A (with simultaneous actuation)	1st Relay (NO-C-NC)
PARAMETER	Tripping Facility Over Current Under Current Short Circuit Lock Rotor Point Earth Leakage Over Voltage Over Voltage Phase Sequence Unbalance Over Frequency Over Frequency Phase Loss Neutral Loss	
SPECIFICATION	Accuracy Class 1.0 Power Supply 85 to 270V AC (SMPS), 50/60Hz Note MPD-9611 is also available in 415V AC + 10%, 50Hz Power Supply (ON Request) RS-485 MODBUS Communication (Optional) Earth leakage features are available (Optional) CBCT Available As per Required Inner Diameter External CT 30A, 60A, 100A Available As per Request	

SINGLE PHASE - CURRENT CONTROLLER



MODEL	CC-9611	CC-9612
Dimension (HxWxD) mm	96 X 96 X 50	96 X 96 X 50
Panel Cutout (mm)	92 X 92	92 X 92
INPUT	Input Signal 1Ø 2Wire Current 5 - 2000A/5A	
OUTPUT	1 Relay 5A, 230V AC (Resistive Load)	
PARAMETER	Tripping Facility High / Low / Inband / Outband / Absolute Low / Absolute Outband Alarm (Configurable) Accuracy ±1% of FSD Power Supply 85 to 270V AC (SMPS), 50/60Hz	

EARTH TO NEUTRAL VOLTAGE



MODEL	ENV-9611	ELR-9611	ELR-500
Dimension (HxWxD) mm	96 X 96 X 50	96 X 96 X 50	110 X 35 X 73
Panel Cutout (mm)	92 X 92	92 X 92	Din Rail Mounting
INPUT			
Input Signal	0 To 10V AC	30mA To 30AMP AC thru external CBCT	30mA To 30AMP AC thru external CBCT
OUTPUT			
Output	1 Relay 1 C/O contact 230V AC, 5A	1 Relay (NO-C-NC) 5A, 230V AC (resistive load)	1 Relay (NO-C-NC) 5A, 230V AC (resistive load)
SPECIFICATION			
Accuracy	Class 0.5	Class 0.5	Class 0.5
Power Supply	85 to 270V AC, 50/60 Hz, Approx 4VA	85 to 270V AC, 50/60 Hz, Approx 4VA	85 to 270V AC, 50/60 Hz, Approx 4VA
Note	RS-485 MODBUS available as per request	RS-485 MODBUS available as per request,	

EARTH FAULT RELAY



MODEL	EFR-9611	EFR-500
Dimension (HxWxD) mm	96 X 96 X 50	110 X 35 X 73
Panel Cutout (mm)	92 X 92	Din Rail Mounting
INPUT		
Input Signal	5AMP form CBCT OR CT	5AMP form CBCT OR CT
OUTPUT		
Output	1 Relay (NO-C-NC) 5A, 230V AC (resistive load)	1 Relay (NO-C-NC) 5A, 230V AC (resistive load)
SPECIFICATION		
Accuracy	Class 0.5	Class 0.5
Power Supply	85 to 270V AC, 50/60 Hz, Approx 4VA	85 to 270V AC, 50/60 Hz, Approx 4VA
Note	RS-485 MODBUS available as per request,	

ENERGY PROTECTION DEVICE - 3 PHASE



MODEL	VPR-500	CPR-500-3	CPR-500	
Dimension (HxWxD) mm	110 X 35 X 73	110 X 35 X 73	110 X 35 X 73	
INPUT	Mounting	Din Rail Mounting		
	Input Singal Voltage	3Ø 3W / 3Ø 4W 30 to 300V AC (L-N), 50 to 520V AC (L-L)	3Ø 3W	1Ø 2W
OUTPUT	Current		0.1 to 5Amp (CT Selection 5/5 to 999/5A AC)	
	Tripping Facility	1st Relay (NO-C-NC) 2nd Relay (NO-C-NC) (Optional)	1st Relay (NO-C-NC)	
PARAMETER	Accuracy	Over Voltage, Under Voltage Over Frequency, Under Frequency Phase Loss, Phase Sequence Asymmetry & Neutral Loss	Over Current Under Current Asymmetry Single Phase Preventer (SSP)	Over Current Under Current
	Power Supply	Class 1.0 100 to 270V AC (SMPS), 50/60Hz	Class 1.0 100 to 270V AC (SMPS), 50/60Hz	
NOTE	External CT 30A, 60A, 100A Available with CPR-500-3 & CPR-500-1C As per Request			



MODEL	VPR-100	PSR-100	CPR-100	
Dimension (HxWxD) mm	75 X 22.5 X 100	75 X 22.5 X 100	75 X 22.5 X 100	
INPUT	Mounting	Din Rail Mounting		
	Input Singal Voltage	3Ø-3W 280-520V AC (L-L)	3Ø-3W 280 to 520V AC (L-L)	1Ø-2W
OUTPUT	Current		0.1 to 5Amp (CT Selection 5/5 to 999/5A AC)	
	Tripping Facility	1st Relay (NO-C-NC)	1st Relay (NO-C-NC)	
PARAMETER	Accuracy	Over Voltage, Under Voltage Phase Asymmetry, Phase Sequence Phase Loss	Phase Loss, Phase Sequence Phase Asymmetry	Over Current Under Current
	Power Supply	No Power supply to be given separately		85-270V AC, 50/60 Hz

JUMBO INDICATOR

JUMBO DISPLAY INDICATORS

Single & Double Side



MODEL	UTI-2000/UTI 2000A	UTI-4000/UTI-4000A	UTI-8000/UTI-8000A
Dimension (HxWxD) mm	125 X 235 X 55	180 X 400 X 60	280 X 600 X 60
INPUT	Sensor J/K/PT-100 2W/3W (Configurable)		
OUTPUT	Range J (0°C - 400°C), K (0°C - 1200°C), PT-100 (-99.9°C - 400.0°C)		
	Output 1 1Relay / 2 Relay for Alarm (Optional)		
SPECIFICATION	Accuracy ±1% of FSD		
	Supply 100-250V AC, 50/60 Hz		

JUMBO DISPLAY INDICATORS

Single & Double Side



MODEL	PI-2000/PI-2000A	PI-4000/PI-4000A	PI-8000/PI-8000A
Dimension (HxWxD) mm	125 X 235 X 55	180 X 400 X 60	280 X 600 X 60
INPUT	Sensor 0-10V DC/4-20mA / 0-20mA (Configurable)		
OUTPUT	Range -999 to 9999, 0 to 9999 Count		
	Output 1 1Relay / 2 Relay for Alarm (Optional)		
	Output 2 24V DC Transmitter Supply for analog input		
SPECIFICATION	Accuracy ±1% of FSD		
	Supply 100-250V AC, 50/60 Hz, 24V DC (Factory Set)		
Note : Retransmission available as per requirement (PI 2000R)			

JUMBO INDICATOR

JUMBO DISPLAY INDICATORS Single & Double Side



MODEL		MSI-2000/MSI-2000A	MSI-4000/MSI-4000A	MSI-8000/MSI-8000A
Dimension (HxWxD) mm		125 X 235 X 55	180 X 400 X 60	280 X 600 X 60
INPUT	Sensor	Pulse Through Encoder/Proximity		
	Range	-999 to 9999, 0 to 9999 Count		
OUTPUT	Output 1	1Relay / 2 Relay for Alarm (Optional)		
	SPECIFICATION	Accuracy Supply		
		±1% of FSD 100-250V AC, 50/60 Hz		
		Note : MPM, RPM, Available		

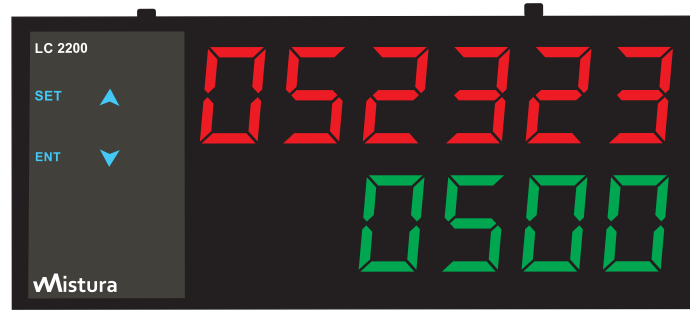
JUMBO DISPLAY INDICATORS Single & Double Side



MODEL		MHT-2000/MHT-2000A	MHT-4000/MHT-4000A	MHT-8000/MHT-8000A
Dimension (HxWxD) mm		125 X 235 X 55	180 X 400 X 60	280 X 600 X 60
INPUT	Sensor	Humidity Sensor		
	Range	0 to 100% RH for Humidity		
OUTPUT	Output 1	1Relay / 2 Relay for Alarm (Optional)		
	SPECIFICATION	Accuracy Supply		
		±1% of FSD 100-250V AC, 50/60 Hz		

JUMBO INDICATOR

PROGRAMMABLE JUMBO COUNTER



MODEL	LC-2200/2200A	LC-4400/4400A
Dimension (HxWxD) mm	180 X 400 X 60	280 X 600 X 60
Display	Upper: 7 Segment, 6 Digit, 2.25" Red Led Display - Total Meters Lower: 7 Segment, 4 Digit, 2.25" Green Led Display - Meter Per Minute	
INPUT	Sensor	
	NPN/PNP Proximity Switch (Configurable) / Encoder (Factory set)	
RANGE	0-99999.9 / 0-999999 Meter (Configurable)	
OUTPUT	1 Relay, 1C/O, 5A, 230V AC/12V DC SSR Output (Optional)	
SPECIFICATION	MPM Range 999.9 MPM	
	Diameter 0-9999.99 MM	
	Memory Non-Volatile Memory	
	Reset Auto/Manual reset facility & front and back reset facility	
	Supply 85-270V AC, 50/60 Hz SMPS	
	Note RS-485 input available as per request	

CERTIFICATE



Certificate of Compliance

RoHS Directive 2014/53/EU: Low Voltage & Directive 93/42/EEC: Medical Devices of The European Parliament restriction of use certain Hazardous Substances in Electrical & Electronic Equipments

MISTURA TECHNOLOGIES
WORKS- 189, VISHALA INDUSTRIAL ESTATE, KATHIWADA GIDC, S. P. RING ROAD, ODHAV, AHMEDABAD- 382415, GUJARAT, INDIA.
BRANCH- B-20, VIP NAGAR, MODHERA ROAD, MEHSANA, GUJARAT, INDIA.

PRODUCTS : TEMPERATURE CONTROLLER, ENERGY METER, MULTI FUNCTION METER, POWER FACTOR METER, WALL METER, MOTOR PROTECTION DEVICE, DIGITAL SCANNER, LENGTH COUNTER, COUNT TOTALIZER, TIME TOTALIZER, RPM METER, UNIVERSAL DIGITAL TIMER, MULTI FUNCTION TIMER, ELECTRONICS HOOPER, TIMER, COUNTER, PID CONTROLLER, VOLT & AMPERE METER, FLOW RATE TOTALIZER, BATCH CONTROLLER, PHASE SEQUENCE RELAY, PROCESS CONTROLLER, TDS CONTROLLER, AC DRIVE, VFD, VARIABLE FREQUENCY DRIVE, PLC, HMI, SERVO DRIVE AND AUTOMATIC HAND SANITIZER DISPENSER

This is to state that the above mentioned product is in compliance with RoHS Directive 2014/53/EU: Low Voltage, Directive 93/42/EEC: Medical Device on the restriction of use of certain Hazardous Substances (Lead (Pb), Mercury (Hg), Cadmium (Cd), Hexavalent Chromium (Cr+6), Polychlorinated Biphenyls (PCBs) and Polychlorinated Biphenyl ethers (PCBEs)) in Electrical and Electronic Equipments.

Statement: This certificate declares that the product type/model described above complies with the mentioned above European standard (s)

Remark:
This certificate of compliance is based on the evaluation of a sample of the above mentioned products. It does not imply and assessment of the mass production of the product. This certificate holder may use this certificate in connection with the test report. The certification body should be informed (revision of technical file) for any modification or alterations made to the product type(s), including design and manufacturer and for extension to the scope of application

Date of Certification : 30th Oct 2021 2nd Surveillance Due : 29th Oct 2022
1st Surveillance Due: 29th Oct 2021 Certificate Expiry Date: 29th Oct 2023

Certificate Number : ROHS/301020017
Validity of this certificate can be verified at www.ocicert.com





Optimum Certifications Inc.
Validity of this Certificate is successful Annual Surveillance audits to be done. This certificate is the property of Optimum Certifications Inc. and shall be returned immediately upon request
Optimum Certifications Inc. is Accredited by UKAS (www.ukas.com) at Suite 15, Regent Court, 70 West Regent Street, Glasgow, Scotland, G2 0JZ



Certificate of Registration

This is to certify that

MISTURA TECHNOLOGIES
189, Vishala Industrial Estate, Kathiwada GIDC, S. P. Ring Road, Odhav, Ahmedabad- 382 415 (Gujarat) INDIA, B-20, VIP Nagar, Modhera Road, Mehsana- 384 435 (Gujarat) INDIA

has been assessed and registered by TCCPL as conforming to the requirements of

ISO 9001:2015
[Quality Management System]

The Quality Management System is applicable to

TEMPERATURE CONTROLLER, ENERGY METER, MULTI FUNCTION METER, POWER FACTOR METER, WALL METER, MOTOR PROTECTION DEVICE, DIGITAL SCANNER, LENGTH COUNTER, COUNT TOTALIZER, TIME TOTALIZER, RPM METER, UNIVERSAL DIGITAL TIMER, MULTI FUNCTION TIMER, ELECTRONICS HOOPER, TIMER, COUNTER, PID CONTROLLER, VOLT & AMPERE METER, FLOW RATE TOTALIZER, BATCH CONTROLLER, PHASE SEQUENCE RELAY, PROCESS CONTROLLER, TDS CONTROLLER, AC DRIVE, VFD, VARIABLE FREQUENCY DRIVE, PLC, HMI, SERVO DRIVE AND AUTOMATIC HAND SANITIZER DISPENSER.

Certificate No: **0-911472308** | Certificate issue date: 14-07-2020 | Next Audit Before: 13-07-2021

To check certification status: <http://tccplcertification.org>, www.tccplcertifications.com or write us at info@tccplcertifications.com

Surveillance Due Before: 13-07-2022 | Re-certification Due Date: 13-07-2023





Accredited by United Accreditation Foundation Inc. (UAF)
Full Member of IAF

Trans Continental Certifications Pvt. Ltd.
www.tccplcertifications.com
To check certification status: <http://tccplcertification.org>, www.tccplcertifications.com or write us at info@tccplcertifications.com
Certificate is the Property of TCCPL and shall be returned immediately upon demand
Loss of full details of conditions set out for the issuance of the certificate and final completion of periodic surveillance audit may render this certificate invalid



Certificate of Compliance

We hereby declare that the technical file of:

Manufacturer :
MISTURA TECHNOLOGIES
WORKS- 189, VISHALA INDUSTRIAL ESTATE, KATHIWADA GIDC, S. P. RING ROAD, ODHAV, AHMEDABAD- 382415, GUJARAT, INDIA.
BRANCH- B-20, VIP NAGAR, MODHERA ROAD, MEHSANA, GUJARAT, INDIA.

Has been assessed by Optimum Certifications Inc. and found to be in compliance with meeting the requirements of

Directive 93/42/EEC: Medical Devices, Directive 2014/53/EU: Low Voltage

The certificate refers to above & covers the following products:

TEMPERATURE CONTROLLER, ENERGY METER, MULTI FUNCTION METER, POWER FACTOR METER, WALL METER, MOTOR PROTECTION DEVICE, DIGITAL SCANNER, LENGTH COUNTER, COUNT TOTALIZER, TIME TOTALIZER, RPM METER, UNIVERSAL DIGITAL TIMER, MULTI FUNCTION TIMER, ELECTRONICS HOOPER, TIMER, COUNTER, PID CONTROLLER, VOLT & AMPERE METER, FLOW RATE TOTALIZER, BATCH CONTROLLER, PHASE SEQUENCE RELAY, PROCESS CONTROLLER, TDS CONTROLLER, AC DRIVE, VFD, VARIABLE FREQUENCY DRIVE, PLC, HMI, SERVO DRIVE AND AUTOMATIC HAND SANITIZER DISPENSER

The certification body has performed an audit of the above product quality system covering the design, development and final inspection of certified product. The quality system has been assessed, approved and subject to surveillance according to Directive 93/42/EEC: Medical Devices, Directive 2014/53/EU: Low Voltage

This certificate issued under the following conditions:
1. It applies only to the audit approved product of the manufacturer (Client named details) and it does not extend to other or other products.
2. The certificate holder shall keep the manufacturing conditions in the specific scope as set changed.
3. The certificate holder shall be responsible for production control of the product in compliance of the EEC Declaration of conformity and compliance with all other EEC Directives. The holder is to ensure a single evaluation of the scope of approval and to ensure that all requirements of the certification.
4. The Client is to ensure that any change to the responsibility of the manufacturer after completion of an EEC Declaration of conformity and compliance with all other EEC Directives. The holder is to ensure a single evaluation of the scope of approval and to ensure that all requirements of the certification.

Date of Certification: 14th July 2020 2nd Surveillance Due: 13th July 2022
1st Surveillance Due: 14th July 2021 Certificate Expiry Date: 13th July 2023

Certificate Number : CE7214
Validity of this certificate can be verified at www.ocicert.com





Optimum Certifications Inc.
Validity of this Certificate is successful Annual Surveillance audits to be done. This certificate is the property of Optimum Certifications Inc. and shall be returned immediately upon request
Optimum Certifications Inc. is Accredited by UKAS (www.ukas.com) at Suite 15, Regent Court, 70 West Regent Street, Glasgow, Scotland, G2 0JZ



प्रमाणित ट्रेडमार्क / Certified of Registration of Trade Mark

प्रमाणित ट्रेडमार्क - 2
Form TM - 2
क्रमांक No. 3389109

व्यापार चिह्न रजिस्ट्री, भारत सरकार Trade Marks Registry, Government Of India
व्यापार चिह्न अधिनियम, 1999 Trade Marks Act, 1999
व्यापार चिह्न के रजिस्ट्रेशन का प्रमाणपत्र / Certificate of Registration of Trade Mark
(भाग 23 (2), नियम 56 (1)) / Section 23 (2), Rule 56 (1)

व्यापार चिह्न संख्या / Trade Mark No. : 5613060
दिनांक / Date : 17-09-2022
ज. संख्या / J. No. : 2118

प्रमाणित किया जाता है कि व्यापार चिह्न / जिसका प्रतिरूप इसके साथ संलग्न है, वह के नाम से वर्ग में संख्या के अधीन दिनांक के संबंध में रजिस्ट्रीकृत किया गया है।

Certified that Trade Mark / a representation is annexed hereto, has been registered in the name of MISTURA TECHNOLOGIES, 189, VISHALA INDUSTRIAL ESTATE (EAST), NEAR BEHIND SAHAJANAND PARK, S. P. RING ROAD, ODHAV, AHMEDABAD- 382415, GUJARAT, INDIA, KIRTI GOVINDBHAI PATEL, SANJAY NATUBHAI PATEL, PARTNERSHIP FIRM, (Partnership Firm)

In Class 9 Under No. 5613060 as of the date 17 September 2022 in respect of

Goods and service as annexed

Trade Mark as annexed


आज वर्ष 20... के ... माह के ... दिवस को मेरे निदेश पर मुद्रित किया गया
Sealed at my direction, this 06th day of February, 2024



व्यापार चिह्न रजिस्ट्री मुंबई Trade Marks Registry MUMBAI
Registrar of Trademarks

नियमों के अन्तर्गत प्रमाणित ट्रेडमार्क को 10 वर्षों के लिए रजिस्ट्रीकृत किया जाता है। यदि कोई व्यक्ति को व्यापार चिह्न का उपयोग करने का अधिकार प्राप्त है तो उसे 10 वर्षों के लिए प्रमाणित ट्रेडमार्क का उपयोग करने का अधिकार प्राप्त है।
(Note: The registered Trade Mark shall be valid for a period of 10 years from the date of registration. If any person has the right to use the Trade Mark, he shall have the right to use the Trade Mark for a period of 10 years.)


Registration for 10 years from the date of application and may be renewed for a period of 10 years and so on at the expiration of each period of 10 years.
This certificate is valid for use in legal proceedings or for obtaining Registration abroad.
Note: Upon any change of ownership of this Trademark, or change in address, of the principal place of business or address for service in India a request should be made to register the change.



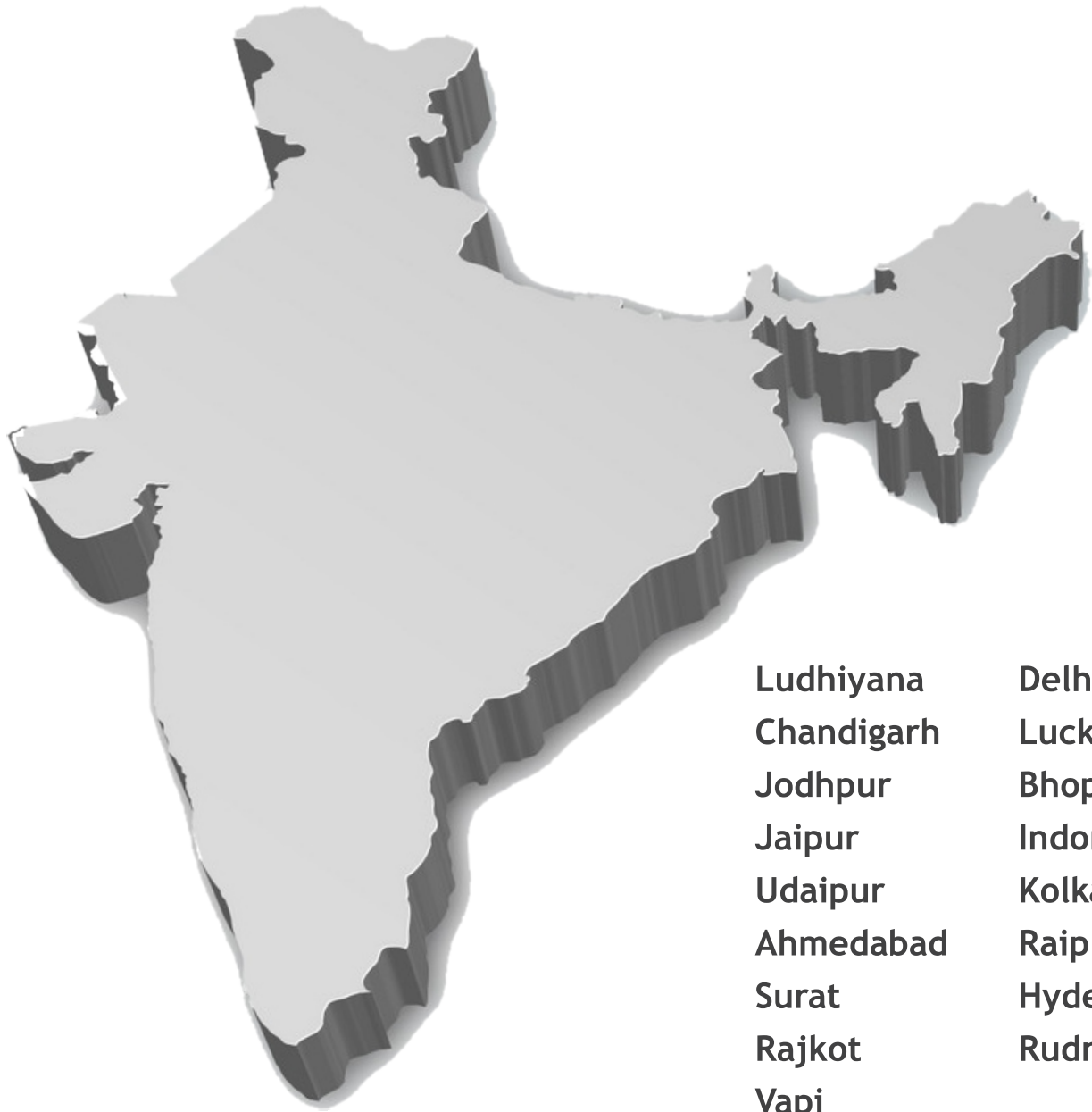
व्यापार चिह्न के लिए अनुसूची / Annexure of Trade Mark Certificate

क्रमांक / No. 3389109
व्यापार चिह्न संख्या / Trade Mark No. 5613060
दिनांक / Date 17-09-2022

Class	Goods Description
9	SAFETY, SECURITY, PROTECTION AND SIGNALING DEVICE, PANEL METERS, DIGITAL PANEL METERS, METERS, COUNTERS, ELECTRONIC TIMERS, ELECTRIC TIMERS, TIMERS FOR AUTOMATIC APPARATUS, ELECTRONIC INDUSTRIAL CONTROL FOR DIGITAL TIMERS, PROCESS CONTROLLERS (ELECTRIC), PROCESS CONTROLLERS (ELECTRONIC), AC DRIVES, TEMPERATURE CONTROLLERS, TEMPERATURE CONTROLLING APPARATUS, TEMPERATURE & TIMER CONTROL INSTRUMENT, FLOW METERS, ELECTRIC FLOW METER, FLOW MEASURING APPARATUS, FLOW CONTROL INSTALLATIONS (ELECTRIC), VARIABLE SPEED CONTROL APPARATUS, ELECTRONIC VARIABLE SPEED LIMITS, VARIABLE FREQUENCY DRIVE, INVERTERS, ACDC INVERTERS, DCAC INVERTERS, ELECTRIC INVERTERS, ELECTRICITY INVERTERS, ELECTRICAL INVERTERS AND HIGH-FREQUENCY SWITCHING POWER SUPPLIES.



Indiawide Presence



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Chandigarh
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Nasik
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Chennai
Coimbatore

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Lucknow
Bhopal
Indore
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Hyderabad
Rudrapur

