

PRODUCT CATALOGUE

N NIPPON INDIA

SERVICE TO INDUSTRIES

SINCE 1971

www.nipponindia.com





PRODUCT RANGE

- SMPS - 5W TO 2400 W
SINGLE / DUAL / TRIPLE / QUAD OUTPUT
- DC-DC CONVERTER 0.5 W TO 350 W
- DC-AC CONVERTER 150 W TO 2000 W
- AC-DC ADOPTERS
- MEDICAL GRADE - SMPS / ADOPTER
- PID CONTROLLERS
- TEMPERATURE SCANNERS
- SINGLE / DUAL BARGRAPH
PID CONTROLLER
- PID MULTI - PROFILE CONTROLLER
- ENERGY ANALYSERS / MONITORS /
AUDIT SYSTEM
- HUMIDITY + TEMP. CONTROLLER
- DATA LOGGERS
- PLC / SMART RELAY
- PROGRAMMABLE PROCESS INDICATORS
- 4 PID CONTROLLER IN 1
- DUAL SET POINT PID CONTROLLER
WITH TIMER FOR COMPRESSOR UTILITY
- VOLTAGE / CURRENT / PHASE
MONITORING RELAY
- TIMER RELAYS
- TRANSFORMER SOFT-START
- MOTOR SOFT-STARTERS
- PUMP ALTERNATING RELAYS
- HEATER CONTROLLER RELAYS
- SSR - ZERO CROSS / INSTANT ON
- ANALOGUE CONTROL INPUT RELAY
- ANALOGUE OUTPUT HALL EFFECT CT.
- ALARM ANNUNCIATORS
- ISOLATION AMPLIFIER / SIGNAL
CONVERTERS
- ROTORY ENCODERS
- RS 485/RS 422~RS232 ISOLATED
CONVERTERS
- SMART SENSORS : HUMIDITY / TEMP /
THERMOPILE
- UNIVERSAL TRANSDUCER INTERFACE IC.
- STEPPER MOTOR & CONTROLLER
- PROXIMITY SENSOR - INDUCTIVE
CAPACITIVE / PHOTO - DEFUSED
REFLECTIVE, THROUGH BEAM,
FIBER OPTICS, MICRO, ULTRASONIC
- OPTICAL SAFETY BARRIERS
- DIGITAL TIMERS / COUNTERS

NC Series Digital PID Controller



Features

- PID auto tuning
- Two Fuzzy PID controller processors, with two individual outputs.
- Multi range input (TC, RTD, mV), each 14 BIT resolution.
- Relay Output, SSR driver, 4~20mA changeable by a module.
- Three- point alarm, with 19 alarm modes.
- Non - volatile memory.
- Self - diagnosis Function.
- Auto Zero and Auto Span circuit keep good accuracy.
- Free range voltage from AC 85V~265V or DC 15 ~50V.
- Data lock function.
- 2 patterns each 8 segments programming procedure to be ordered.
- Input 2 can be used in Remote SV.
- Optional transmitter output.
- With output percentage control, if sensor broken controller automatically convert to manual operation to be controlled by heating power with output percentage.
- Standard type with 1 ramp and 1 sock available.
- RS 232 or RS 485 Modbus -RTU, Modbus -ASCII and ASCII is available for remote monitoring.

ELECTRIC CHARACTER

- Working voltage : AC85~265V, DC 15 ~ 50V
- Power consumption : 2VA
- Isolated resistance : 20M up
- Dielectricity strenght : AC 2000V 50/60Hz 1min.
- Sampling time : 250m sec
- Accuracy : + 0.2% of full range +1 digit

MECHANICAL CHARACTER

- working temperature : 10~+50°C
- Storage temperature : 10~+70°C
- Working humidity : 50~+ 85%RH

Specification

INPUT (MAIN)

- T/C (Thermocouple) : K,J, R, S, B, E, N, T, W, PLII, U, L, selectable.
- RTD(Resistive temperature detectore) : PT100(JIS), PT50(JIS), PT100(DIN)selectable.
- DCV :- 10~10mV, 0~10mV, 0~20mV, 0~50mV, 0~1V, 0~5V 0~10V selectable.
- DC mA : 0~20mA, 4~20mA Selectable or others to be ordered.

INPUT (SUB)

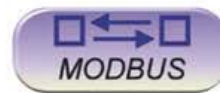
- Remote Set : 4~20mA, 0~10V to be ordered.

OUTPUT

- Realy output : SPST, SPDT 5A/240 VAC.
- SSR drive : 20mA/20VDC
- Current proportioning output : 4~20mA adjustable (Load max 800 ^Ω)
- 3 wire system motor valve control 10A/240VAC
- Alarm : SPST 5A/ 240VAC For MC - 2438, 2738
- SPDT 5A/240VAC for other models

CONTROL MODE

- ON/OFF : sensitivity adjustable
- P(proportional) : 0~ 200% adjustable
- I (Integral) : 0~3600 sec adjustable
- D (Derivative) : 0~ 900 sec. adjustable
- Fuzzy : 49 status considered
- Proportioning cycle time : 0 ~ 150sec adjustable (mA = 0, SSR = 1, RY>=10)
- Heater Break Alarm.





Your Reliable Power Partner

**Englosed Type SMPS.
from 15 W ~ 2400W**



**MODULAR
SYSTEM SMPS.
450W / 650W / 1000W**



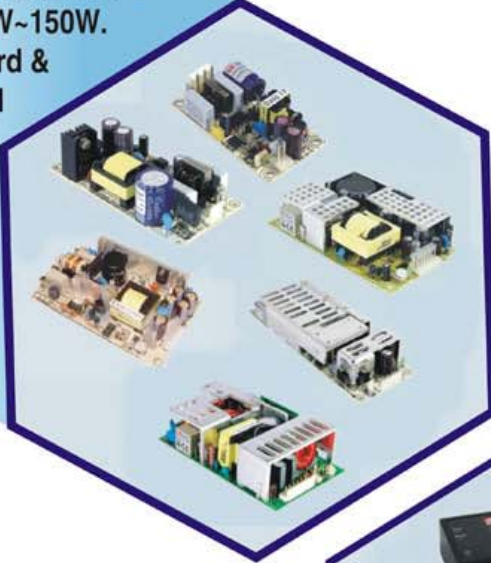
**DIN RAIL SMPS.
30W~960W
1Ø & 3Ø**





Your Reliable Power Partner

Open Frame SMPS
from 5W~150W.
Standard &
Medical
Grade



True Sign wave &
modified SignWave
DC-AC Inverter
150W~2000W



Battery Charger
from 6W ~ 360W
Capacity



DC-DC Converter
from 0.5W to 30W
PCB Mounting.



UL RUL SP A CE S N D FI V FC CB
Reliable People . Reliable Product. Reliable Company



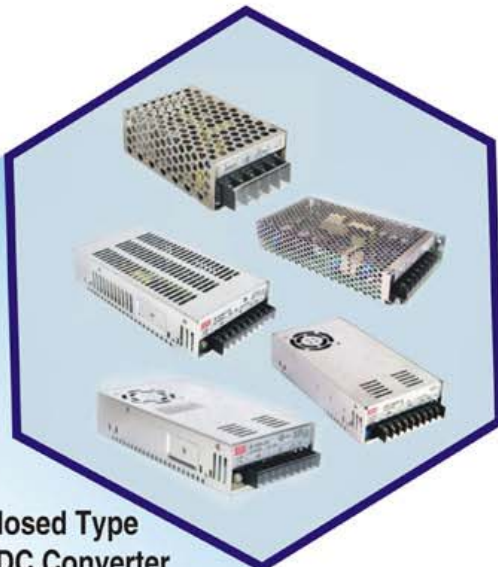
Your Reliable Power Partner



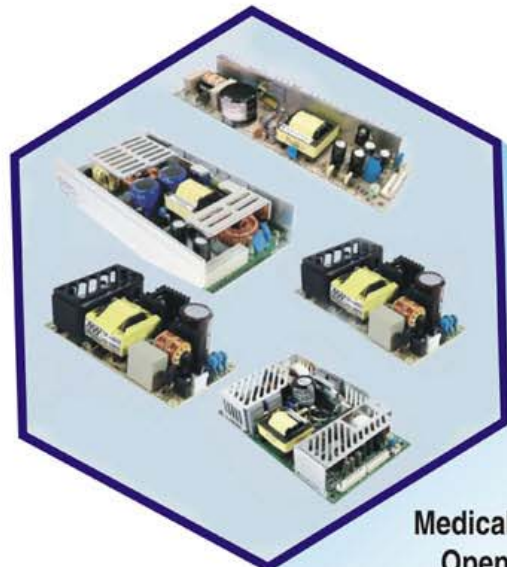
ATX Power Supply
150W ~ 350W and 1U / 2U Rack
Power Supply 200W ~ 300W



Adaptor Supply
Standard & Medical Grade
6W ~ 90W



**Enclosed Type
DC-DC Converter**
25W ~ 350W



**Medical Grade
Open Frame
SMPS**



NI-8 8 CHANNEL DATA LOGGER



Micro-processor based Data logger work with upto 8 Nos. of Nippon PID controller using MODBUS RTU protocol as control room monitor using 2 line 16 Character back-lit LCD with scanning facility to display PV/SV reading & store Data with RTC, 8 such unit can be connected to have upto 64 channel Data gathering.

Unit can store 1600 Data for computer download + 1600 data for Direct printout on 80 column Dot Matrix printer per channel, Header - Footer / logging time / set-point of PID is programmable through computer.

Front Panel have LED indication for communication, Status, Printer memory full, Computer memory full.

Programming of Paper length / Nos. of Line, Nos. of unit connected can be done from front panel key switches

Unit is available with software / Power supply & printer cable as a standard Accessories.



Solid State & Mechanical Switching offers you cost effective solutions

Solid State Relays

Single and three Solid State Relays for panel mounting.
 5 switching types: Zero Switching, Instant On, Peak Switch, Analog and DC Switching, up to 110A.
 SOLITRON - ready-to-mount Solid State Relays with integrated heatsink, one, two and three - pole output.
 SOLITRON Mini-compact 22.5mm Solid State Relays for DIN-rail mounting with integrated heatsink for applications up to 30A.



" Product Innovations "

- SOLITRONS RJ2A, RJ3A
- Superior switching solution for frequent commutation of 3-phase loads up to 25kW
 - 45mm wide housing - carry a maximum current of up to 3 x 25 Arms
 - 90mm wide housing - carry a maximum current of 3 x 25 Arms



- RMD
- Solid State relay and Electro-mechanical relay combined in one hybrid product.
 - Longer lifetime-does not require an additional heatsink

Motor Controllers

Motor Controllers for soft start/stop of asynchronous motors up to 45kW (60HP). Compact housings for DIN-rail mounting. Controllers for dynamic braking and reversing.



" Product Innovations "

- RSB
- Economical open board design and ideal for high volume applications: compressors, vacuum system, & etc.
- RSHR
- Vibration free starting, Integrated heatsink, Over-temperature protection, phase sequence & loss protection
- RSMR
- Compact, 10 pre-programmed start/stop profiles, phase loss protection at starting, fault status indication



Monitoring & Controlling in line with your applications !



Monitoring Relays

1-phase monitoring relays for current, voltage, power and frequency.
 3-phase monitoring relays for voltage, phase sequence, phase loss and phase asymmetry, over & under monitoring as well as power factor and active power. Plug-in "11pin" housings or 17.5/22.5/45mm Din rail mount housings. Current transformers and shunts.

" Product Innovations "

DPA53
 • 480VAC phase monitoring relay in compact housing; with relay output, detects under voltage and improper phase sequence or phase loss

DIA53
 • Self - powered 100A current monitor in 17.5mm housing

DFCO1
 • Full functions frequency monitoring relays. Allows different relays outputs to react to under or over frequency.

DTA/PTA
 • Temperature monitoring relays to protect 3-phase electrical motors from overheat.



Timers

Single and multifunction timers, multivoltage, 17.5 & 22.5mm housings for DIN-rail mounting, P-series for plug-in, A-series in 48 x 48 mm housing for plug-in and panel mounting. Scantimer compact housing for plug-in mounting. Mini E-series (22.5mm) for DIN-rail mounting.

" Product Innovations "

DMB51
 • Multifunction timer in a compact, space saving 17.5mm DIN rail housing
 DAA51

• Delay on operate, time range 0.1s to 100h

DBB51

• True delay on release, time range 1 to 600s, capacitor powered

DAC51

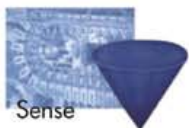
• Star delta, time range (Star) 0.1 to 600s, time range (Star to Delta) 50 to 130ms



Energy Management

Transducers, Energy Meters, Power Analyzers, Current and Voltage Transformers, Serial Communication modules.

Compact Transducers for AC, DC and frequency measurement. Power Transducers, power analyzers and energy meters for network management of electrical lines in industrial and residential applications. DIN-rail or panel mounting types.



- Temperature Sensors
- Proximity Sensors
- Ultrasonic Sensors
- Level Sensors
- Humidity Sensors



- Solid State Relay
- Motor Controller
- Power Supply
- PCB Relay
- Converters



- Energy Management
- Temp. Controller / Scanner
- Timer / Monitoring Relay
- Counter
- Heater Control



- Safety Module
- Safety light Curtain
- Safety Switches
- Thyristor fuses
- Safety Magnetic Switches

Monitoring in line with your applications



DWB01 DIB71 DPA51

Monitoring Solutions for Water and Pumps Applications

Your issue

What happens if my pump runs dry?
What if the phases sequence is not correct or one phase fails



DPC02 DPC01 DUA52

Monitoring Solutions for Energy Generation Applications

Your issue

With an increased use of generators in a lot of application it's absolutely necessary that the mains out of the generator is of high quality to avoid damages to the load connected.

Monitoring Solutions Applications for...Material Handling



DPB01 DIA01 DIA53

Your issue

All the industrial applications where sophisticated mechanical machines are used to manufacture, package, mix... they need a high quality mains. A faulty system can cause poor product quality.

.....Packaging



DPB01 PPB01 DPB71

Your issue

Industrial plants using advanced technological machines to optimize the productivity level and the product quality often need to monitor the quality of the mains.



DTA01 DPA51 DAA51

Monitoring Solutions Applications for..... Lift

Your issue

For Lifts the direction of the motion must be 100% correct. Phase sequence relays are a fast, reliable and easy to maintain solution. In case of overload the motor temperature can damage and eventually break the motor itself.

..... HVAC

Your issue

Correct direction means higher efficiency of the compressor (in some cases incorrect rotation means immediate break down). You never know what's going to happen after the compressor has been set up. Furthermore, starting more than one compressor of the same time can cause a high inrush current with several problems like EMC noise or low mains voltage.



DAC51 DPA51 DAA51



RSB

- 15 Amp models
- Economical open board design and ideal for high volume applications
- settings for ramps and initial torque



RSE

- 3, 12 & 25 Amp models
- Soft starting & stopping
- Single Ø available
- Transient over voltage protection built-in



RSHR

- 25, 36 & 45 amp models
- Soft starting & supporting
- Vibration-free starting
- Integrated heat sink
- Motor PTC input connection
- Over- temperature protection



RSMR

- 72, 90 Amp models
- Soft start/stop of all type of three Ø induction motors
- 10 per-programmed start/stop profiles
- Phase loss protection at starting
- Fault status indication

Heater controllers



Available in single & Three Phase control based on PWM, small size, high accuracy & fast response to maintain set temperature with minimum over / under shoot being voltage proportional out put saves on energy & due to continues trickle voltage to maintain set temp heater have long life compared to controlled by on-off method (contractor/Relay/Zero Cross SSR) Available from 10 Amps to 300 A per phase capacity.

FAB PLC



FAB PLC based on Latest technology having configurable input of Analog or Digital using function Block / Ladder Program, a free quick - II & FAB - SCADA software for complicated functions, having 127 Sets of RTC, Timer, 6 digit Counter, available for expansion voice module with 96 recordable Tag & built in modem for Bi- directional communication & control commands - Available in AC / DC & AC or DC supply with 6 & 12 input / 4 & 8 output Relay or transistor output.



127-set RTC control

Analog inputs recivable

Easy Programming

FBD or Ladder

Initiative Separated panel with LCD Display



Phone connectable

Real time clock function

Voice warning

Networking & monitoring function



SR SERIES PLC



- 127-set RTC control
- Analog inputs receivable
- Easy Programming FBD
- Initiative Separated panel with LCD Display
- Phone connectable
- Real time clock function
- Voice warning
- Networking & monitoring function



SR SERIES PLC based on Latest technology having configurable input of Analog or Digital using function Block Program, a free software for complicated functions, having 127 Sets of RTC, Timer, 6 digit Counter, available for expansion voice module with 96 recordable Tag & built in modem for Bi- directional communication & control commands - Available in AC / DC & AC or DC supply with 6 & 12 input 4 & 8 Relay or transistor output, expandable upto 82 I/O (50 I / 32 O)



General Technical Specifications:

Supply voltage	AC100V-240V AC / DC 12-24V
Output current	Relay 10A Transistor 2A
Programming method	FBD
Program Capability	127 Blocks
Counter	127
Timer	127
RTC	127 Switches
Maximum I/O	82
LCD display	4X10 Characters

Function:

- Wireless remote control
- Function key
- Removable HMI and WRT
- Easily change preset value
- Display alarm message
- Telephone and voice alarm
- Can be extended to 82 I/O
- 8 channel analogue input
- Telephone remote control



SCANNER

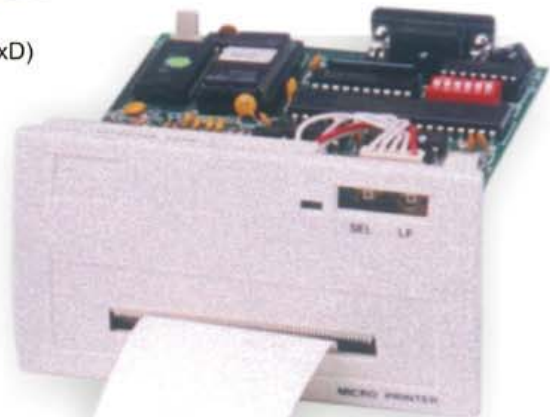
Micro-Processor based XMD 5000 Series

Process parameter Scanner is available in 8/16/24/32 channel, sensor input available universal T/C type or RTD or Analog signal (0-5V / 1-5V / 0-10 mA / 4-20 mA or Resistance Potentiometer) or mixed input sensors, individual channel input and high / low alarm is programmable from front key.

Size 80 x 160 x 80 or 160x80x80mm or 96 x 96 x 120 (HxWxD)

MAIN FEATURES :

- AUTO ZERO CALIBRATION FUNCTION.
- EEPROM FOR STORING OF PROGRAMMED PARAMETERS.
- AVAILABLE IN 90~ 270 VAC or 24 VDC Supply.
- Isolated Communication Port for RS 232 or RS 485
- Isolated Communication Port RS 232 for Printer
- Isolated Communication Port RS 485 for individual Control Relay Box.
- Isolated Modem Port
- Individual Relay Box of 16 Relay (High or Low) with RS 485
- Individual Alarm Indication LED (8, 24 & 32 Channel)



SINGLE & DOUBLE BARGRAPH PID CONTROLLER XMG 7000

Microprocessor based single & dual bargraph PID controller, Universal Input, universal power supply having single & Dual independence universal sensor / single input with 2/4 alarm relay & 1/2 control output 51 led bargraph with digital display. Available with optional isolated communication interface
RS 232/RS485/MODBUS-RTU



ALARM ANNUNCIATOR

Micro-Processor based 8 channel alarm annunciator having window size of 28x32 legends are composed on tracing paper, accept input from potential free contacts, power supply available 230 VAC or 24VDC or customer specify flashing rate 55 60 flash per minute, front key switch available for 'ACK' and 'TEST' as well same function is available on back panel for remote operation, additional power contact through relay is available for alarm signal to connect warning light / hooter, siren etc.



ISOLATION AMPLIFIER / SIGNAL CONVERTER

Din Rail mounted signal converter / isolator is available in different input.
0-5 mVDC / 0-20 mVDC / 0-50 mVDC / 0-100 mVDC /
0-10 mADC / 0-20 mADC / 4-20 mADC / 0-5 VDC /
1-5 VDC / 0-10 VDC or Customer Specified, upto 3 outputs are available with all port Isolation i.e. Supply to Input / Supply to Output / Input to Output and Output to Output Channel Isolation.
Unit is available in 24VDC, 110 VAC and 230 VAC supply.
Also available on-site configurable universal signal converter with 128 input / output combinations.



Multi Pattern Profile Controller X MAY 5000

Micro-processor based, universal input Having 6 pattern of 11 step each with backlit blue colour LCD having front display selectable for digital & Graph of set-point or in real time trend graphics with digital information of current & steps in operation with flexibility to over-ride program to advance & back the current step timing. Unit is available with isolated RS232/RS485/MODBUS-RTU interface as optional.





Senstherm

Microprocessor Based Pid Controller



FEATURE :

- PID Auto Tuning
- Multi range Input: J / K / E / R / S & PT-100
- Relay / SSR / 4-20 mA ADC Control Output
- Relay Alarm output
- Free Range Voltage 90 ~ 265 VAC. 50 Hz

MODEL NO.

- ST-48 SIZE 48X48 DIN 1/16
- ST-4896 SIZE 48X96 DIN 1/8
- ST-9648 SIZE 96X48 DIN 1/8
- ST-72 SIZE 72X72 DIN 1/4
- ST-96 SIZE 96X96 DIN 1/4

ORDER INFORMATION:

ST-□□□□ □
A B

- A= MODEL NO.
- B = R - Relay.
- V - SSR Drive.
- I - 4 - 20 mA DC.



Senstherm

Microprocessor Based PID Controller



ST-48LC

Low Cost Auto Tune Micro-processor based single display PID Controller having front panel programmable input of type. CU 50, PT-100, K,E,J,T,S,0-5V, 1-5V with relay output, Universal power supply size 48x48mm.



ST2-48

Dual Set-point Micro-processor based Auto tune PID Controller, Individual set point with soak time programmable, specially suitable for Compressor & Burner with programmable delay function which will only activate output after set-delay irrespective of SP to prevent damage to compressor / Burner due to fast switch On/Off. Universal input Sensor & Relay or SSR or 4-20mADC output Universal power supply.



ST-496

Micro-processor base 4 channel PID Controller with Universal Input (Same Input type for all PID) with 4 individual Display & Individual PID parameter setting with 4 control relay output & 4 soft Alarm display Universal power supply & Compact 96 x 96 x 110mm design, Available with RS 485 or Direct 18 colour printer Interface as option.



Microprocessor Based Humidity + Temp. Controller

RHTC-9007C



Micro-processor based Humidity + Temperature Controller with sensor unit having Auto tune PID control for Temp. & on/off control for Refrigeration, Dual set point Hysteresis control for Humidifier with password protection. RS 485/ Miniprinter Interface as optional

Temp. Range : -50°C to 150°C / Humidity 0-100% RH
Output Relay : 10 Amps. 230V AC
Accuracy : Temp. ± 0.5% F.S. ± 1 Digit
 : Humidity ± 2% F.S. ± 1 Digit
Sensor : PT-100 + Humidity with 1.2 mts.
 : Cable length as standard
Power : Universal 90 ~264V AC. 50 Hz
Size : 96 x 96mm x 120mm

Microprocessor Based Temp. Scanner

ST-8K



Low Cost Micro-processor based 8 channel Temp. Scanner for T/C.type K or J or RTD with 2 common relay output & Alarm Indication with hold facility universal power supply, 96 x 96mm size.

Process Control Instruments

TEMPERATURE CONTROLLER

DIGITAL COUNTER



NIC - 48

Range : 0-99999 Count
 Counter Speed : 25/500 CPS
 Supply : 240VAC, 50Hz
 Input : High : 4-30V, Low : 0-2V
 NPN or PNP or Limit Switch
 Power O/P : 12 VDC, 30mA
 Panel Cutout : 45 x 45 mm
 Bazel : 48 x 48 mm

NI - 96

Input Sensor : J / K/ RTD Selectable
 Control O/P : 2 Relays.1 C/O
 Range : 0-999°C
 Accuracy : ± 1% Digit
 Display : 3 Digit
 Setting : Dual Thumbwheel
 Supply : 240VAC, 50Hz
 Panel Cutout : 92 x 92 mm
 Bazel : 96 x 96 mm



ENGINEERING UNIT

EU-05



Micro-processor based Universal process Indicator Accept Signal from Thermocouple K,J, RTD, RTD 4 ~ 20mA, 0-10VDC. display is fully scalable from -1999 to 9999 for Analog input, password protection Size : 48x96 (H x W) Supply: 90VAC~264VAC, 50Hz

EU-02

Micro-processor based unit for process indication accept signals 4-20 mA DC or 0-10VDC, Display is freely scalable from -1999 to +9999 also having password protected input calibration.size 36mm x 72mm (H x W) Supply : 6.3V to 24V AC or DC



DIGITAL TIMER - PRESETTABLE

NIT - 48



Time Range : 99h 99m/99m 99s/0.0s-99.99s
 Supply : 240VAC, 50Hz
 Setting Error : 0.01% + 0.05 Sec.
 Counter O/P : 250 VAC, 3A (Resistive)
 Contact : 2C
 Panel Cut out : 45 x 45 mm
 Bazel : 48 x 48 mm

POWER METER

DPM - 968

Display : 3 1/2 Digit For Volt / Amp / Hz
 Accuracy : 0.5%
 I/P Voltage : 0 ~ 750 VAC
 I/P frequency : 0 ~ 400 Hz
 I/P Current CT : 60/5A, 100/5A, 150/5A, 200/5A,
 250/5A, 300/5A, 400/5A, 500/5A, 600/5A,
 750/5A, 1500/5A, 1999/5A
 DIP Switch Selectable.
 Power : 240 VAC, 50/60Hz
 Mech.dimension : 96 x 96 x 73 mm (W x H x D)



ON LINE INFRARED TEMPERATURE MONITORING SENSOR

WFT-202 Radiation pyrometer using K9 optical lense is suitable for monitoring on-line high process temperature for Range upto 3000°C, optical unit is available with water cooling jacket (light duty - heavy duty - for demanding environment) complete unit consists of

Optical Sensor
Water Jacket
Signal Conditioner
Display Unit.

Unit is Ideal for measuring temp. Of industrial klin, furnaces, hot rolled metal and other application where contact type sensor is not suitable, optical pyrometer have L/D Ratio. 20 (20:1) operating distance is 500 - 2000 mm with accuracy of 1%. (Target-body emissivity of 1.0) Response time is 0.5 second for 63.2% and 2.5 second for 99% of target temperature, eye hole on back side of lense assembly is available to verify the correctness of focusing to target.



ISOLATED RS-232 TO RS-422 / RS485 SIGNAL CONVERTER

Converter is very compact 125 x 54 x 25 mm size with external 9V power supply is having following features:-

LED indication for Power & Signal Status.
Support High Speed Baud Rate upto 11200 BPS.
Point to point multidrop.
Provision for termination resistor (RS422 / RS485 Receiver Side)
Distance upto 1.2 km. / 9600 BPS.
Remote Ground Level Protection
Built in High Speed Optocoupler for Signal Isolation 3500 VAC



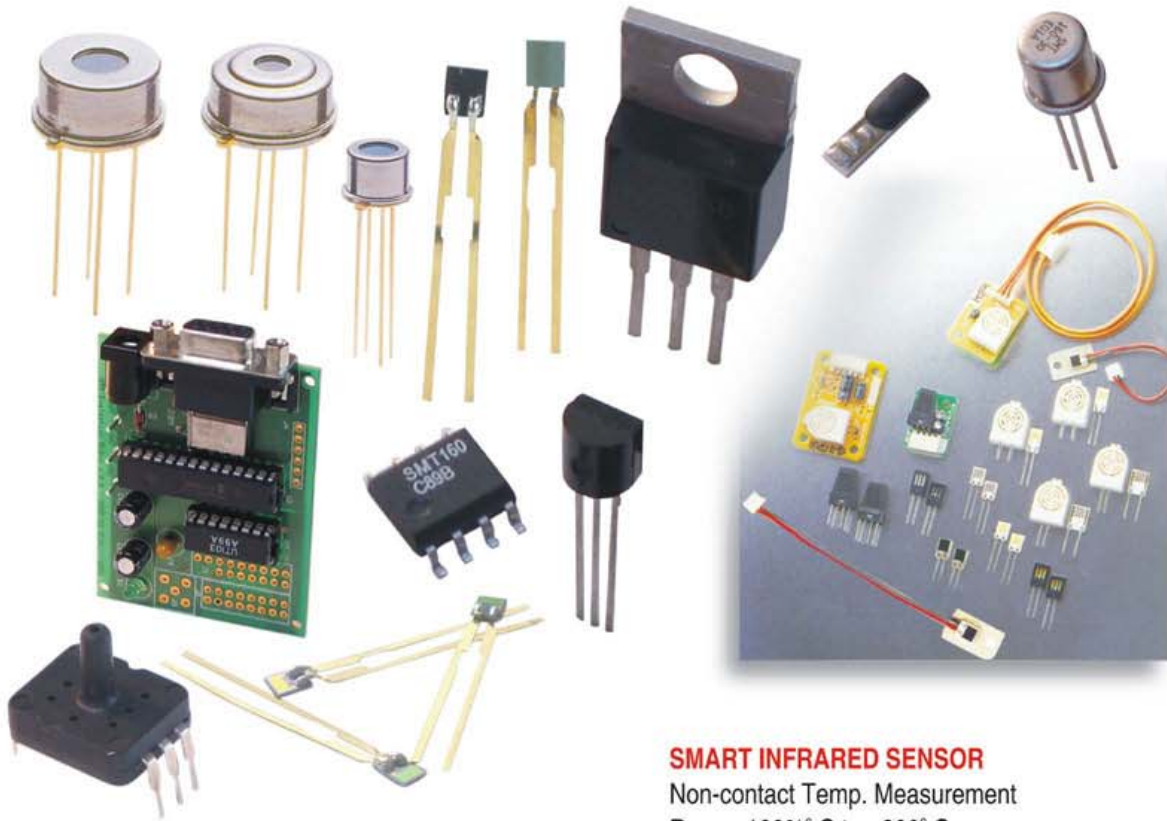
PROXIMITY SWITCH





SMART SENSORS

Humidity, Pressure, Infrared, Temperature



SMART TEMP. SENSOR :

No A-D Converter
TTL, CMOS Compatible
Pull Output - Digital / Analogue Interpretable
Directly Connectable to Data Input of
micro - processor
Easy Multiplexing for multiple sensor to
micro - processor
Range: 45 to 130° C

SMART HUMIDITY SENSOR

Linear 0 V 100% RH
Long Term Stability
Close Tolerances
Capacitance Output
ALSO AVAILABLE :
Evaluation & Development Boards
Humidity sensor with 1V ~ 3V on PCB - 30 V ~ 90% Rh.

SMART INFRARED SENSOR

Non-contact Temp. Measurement
Rang - 100° C to +200° C

SMART PRESSURE SENSOR

Gage or Absolute Pressure
Easy to DIP Package
Voltage or Current Drive
Full Scale Range from 0.350 to 6.5 Bar

UNIVERSAL TRANSDUCER INTERFACE

Easy Interfacing with micro-processor
Provides Interfacing for many types of sensor
elements Capacitors, ROT, Thermistors,
Resistive bridge & Protection meter
Tri-State Output
Auto Calibration
Resolution upto 16 Bits
Measurement of multiple type of sensor
element & Combination there of



Autonics



Sensors

Proximity Sensors
Photoelectric Sensors
Area Sensors
Fiber Optic Sensors
Door / Door Side Sensors
Pressure Sensors
Rotary Encoders

Controllers
Counters
Timers
Temp. Controllers
Temp. / Humidity Transducers
Tacho / Speed / Pulse
(Rate) Meters
Power Controllers
Switching Power Supply
Panel Meters
Display Units
Sensor Controllers
Graphic Panels



Stepping Motor
5-Phase Stepping Motors
5-Phase Stepping Motor Drivers
Motion Controllers

“**Autonics**” A global Partner for industrial Automation, A leading company in Korea for Sensors, Controllers, Warnings Lights having 5000+ product range widely marketed in 63 Countries, now joined hand with “**NIPPON INDIA**” to market the product in India, specially in highly developed western India region.



RELIABLE PARTNER FOR PROCESS CONTROL INSTRUMENTS & FACTORY AUTOMATION



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N NIPPON INDIA

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