



radix[®]

**INSTRUMENTATION
AUTOMATION**



SERVING PROCESS INSTRUMENTATION INDUSTRY SINCE 4 DECADES

Radix is dedicated to providing accurate, reliable and customised instruments for measuring Temperature, Pressure, Level, Flow, etc and end-to-end solutions for process industry.

1980 - 1982

RADIX FOUNDED
First Controller launched

1987 - 1989

STARTED SENSOR MANUFACTURING
Electronics Dept started

1990 - 1995

R & D UNIT SETUP
Temperature Tx Manufacturing
North India office & Pune factory started

1996 - 2000

BECAME \$1 MILLION COMPANY
500 Customers Company

2003 - 2006

BECAME 200 EMPLOYEE COMPANY
Became an ISO company

2007 - 2009

SOUTH OFFICE SET UP
Expanded to Navi Mumbai

2010 - 2012

5000 CUSTOMER COMPANY
2nd Design Dept setup
Automation & Panel Dept setup

2012 - 2015

NABL LAB STARTED
DSIR Certification
Level Dept started

2016 - 2020

**FLOW DEPT STARTED
CROSSED 500 EMPLOYEE**
Started 75000 sq ft Mahape factory

radix[®]
YOUR PROCESS
PARTNER

**STELLAR TRACK RECORD OF OVER
4 DECADES**

**6000
CUSTOMERS**

**CUSTOMISED, RELIABLE
ACCURATE**

**IN-HOUSE
DESIGN & DEVELOPMENT**

**5 UNITS OF
MANUFACTURING**

**2 R&D
DESIGN CENTERS**



CONTENT

TEMPERATURE P4

Wide range of products for indication, measurement and control.

LEVEL P14

Level gauges, switches, transmitters and controllers including for boiler applications

FLOW P18

Range of flow meters, indicators, strainers, etc

BUILDING AUTOMATION P20

BAS Products transmitters and indicators, door interlock controllers and GPS network clocks optimised for building automation applications

PRESSURE P30

Gauges in bourdon tube, diaphragm and capsule elements along with accessories

AUTOMATION P32

All types of control panels and automation services involving PLC, HMI, SCADA etc

COMMUNICATION PRODUCTS P34

Products for automation systems from signal conditioning to signal indication (Isolators, Analog I/O Modules, Converters, Scanners, Indicators)

PROCESS CONTROL P40

Miscellaneous instruments used in process applications and thyristors

FLAMEPROOF INSTRUMENTS & SENSORS . . P42

Instruments & sensors housed in special flameproof enclosures with various degrees of ingress, fire and explosion protection



PID CONTROLLERS

FULL-FEATURED

- High Sampling rate of 50ms
- Compact design with low depth
- Large display
- 2 Isolated analog outputs, upto
- Relays, RS485, Tx supply
- IP66 front
- Single/dual Loop PID



NEX205

MID RANGE

- Range of sizes available
- Compact design with low depth
- Large display
- One Isolated analog output, maximum 2 relays, Tx supply
- IP66 front
- Easy to use interface, Indicator/On-Off mode available



NEX602

VALUE RANGE

- Range of sizes available
- Compact design with low depth
- Large display
- Maximum 2 Relay Output
- IP66 Front
- RELAY / SSR for control - field selectable



NEX301

ECONOMY RANGE

- Range of sizes available
- Compact design with low depth
- Large display
- RELAY / SSR for control - field selectable



NEX353

FLAMEPROOF RANGE

- IP66 / NEMA 4X Pressure Die Cast Enclosure
- Surface / Pipe Mount Enclosure
- 7 Cable Entries In Compact Enclosure
- Touch Keys Externally Operated
- Large 25.4 mm LED display
- Backlit Status Indicators
- Single / Double Loop PID
- 50 Millisecond Sampling Interval
- Digital inputs for PLC Interface



NEX207

| Model | Size HxWxD (mm) | Control Mode | Analog Input | Digital Input | Relay Output | Display Digits | Transmitter Supply | Analog Output | RS485 / MODBUS RTU | Remarks |
|--------|-----------------|---|---------------------|--|--------------|----------------|--------------------|---------------|--------------------|---------------|
| NEX201 | 48x48x85 | Indicator/On-off/PID/Profile/Heat+Cool PID | 2 x Universal input | Upto 3 | Maximum - 5 | 4+4 | Yes | Upto 2 | Yes | Full featured |
| NEX202 | 48x96x60 | | | | | | | | | |
| NEX203 | 96x48x60 | | | | | | | | | |
| NEX205 | 96x96x60 | | | Upto 6 | Maximum - 7 | 4+4+3 | | | | |
| NEX206 | | | | | | | | | | |
| NEX207 | 164x178x125 | | | Upto 2 | Maximum - 4 | 4+4 | | | | |
| X96P | 96x96x100 | | | | | | | | | |
| NEX301 | 48x48x61 | PID Controller | TC, RTD | Maximum - 2 Control - 1, Alarms - 1 | 4+4 | No | | | | |
| NEX301 | | PID Controller with soak timer and heat+cool Mode | | | | | | | | |
| NEX301 | | Indicator with Alarms | | | | | mA/Vin | Maximum - 2 | Yes | |
| NEX302 | 48x96x35 | PID Controller | TC, RTD | Maximum - 2 Control - 1, Alarms - 1 | 4 | No | | | | |
| NEX302 | | Indicator with Alarms | | | | | TC, RTD, mA, Vin | Maximum - 2 | Yes | |
| NEX305 | 96x96x35 | PID Controller | TC, RTD | Maximum - 2 Control - 1, Alarms - 1 | 4+4 | No | | | | |
| NEX305 | | PID Controller with soak timer and heat+cool Mode | | | | | | | | |
| NEX307 | 250x150x95 | Indicator with Alarms | TC, RTD, mA, Vin | No | 4 | Yes | No | | | |
| NEX313 | 48x48x85 | PID, On-off control | TC, RTD | | | | | Maximum - 1 | 3 | No |
| NEX316 | | | | | | | | | | |
| NEX353 | 96x96x35 | | | | 3 | | | | | |
| NEX601 | 48x48x85 | Indicator/On-off/PID | TC, RTD, mA, Vin | No | Maximum - 2 | 4+4 | Yes | Upto 1 | | Midrange |
| NEX602 | 48x96x35 | | | | | | | | | |
| NEX604 | 72x72x75 | | | | | | | | | |
| NEX605 | 96x96x35 | | | | | | | | | |

NEX201



NEX203



NEX605



NEX305



NEX202



NEX601



NEX307



NEX316





2-WIRE TRANSMITTERS

DIN-RAIL MOUNT

- Universal / RTD / TC / mV inputs
- 0.1% accuracy, High linearity and stability
- 2-Wire operation
- Space saving 12.5mm form factor available
- Upto 2000V Isolation available
- Optional HART Communication, USB for programming
- User programmable range, unit, bias, input type, preset output, etc. settings

TX3DR



HEAD MOUNT

- Universal / RTD / TC / mV inputs
- 0.1% accuracy, High linearity and stability
- 2-Wire operation, Low temperature drift
- DIN Form B sensor head form factor / pipe / FLP mount
- Upto 2000V Isolation available
- Optional HART Communication, USB for programming
- User programmable range, unit, bias, input type, preset output, etc. settings

SCC631



FLAMEPROOF

- Universal / RTD / TC / mV inputs
- Gas group - IIA, IIB
- IP66 protection

FLP TX3DR



| Model | Input Type | Input User Programmable | Output Type | Accuracy | Isolation | Loop Supply (VDC) | Technology | Size HxWxD (mm) | Mounting |
|--------|------------|-----------------------------|-----------------------|-----------------|-----------|-------------------|----------------------------|-----------------|---------------------------------|
| SCC602 | Universal | Yes, using DCC501 | 2-wire, 4~20 mA | 0.1% | 2000 VAC | 7.5 ~ 48 | Microprocessor | 100x12.5x114 | DIN rail |
| SCC621 | RTD | No | | | NA | 6.5 ~ 32 | Analog | | |
| SCC622 | | Yes, using DCC501 | | | | 7.5 ~ 45 | | | |
| SCC631 | Universal | Yes, using DCC503 or DCC501 | 2-wire, 4~20 mA, HART | | 2000 VAC | 7.5 ~ 48 | Microprocessor | 44x22.5 | for DIN form B Sensor head |
| SCC632 | | | | | | 100x12.5x114 | | DIN rail | |
| SCC633 | | Yes, using HART programmer | | | 10.5 ~ 45 | 96x120 | Field mount, FLP | | |
| SCC641 | | Yes, using DCC511 | | | 7.5 ~ 48 | 44x22.5 | for DIN form B Sensor head | | |
| SCC642 | RTD | Yes, using DCC501 | 2-wire, 4~20 mA | | NA | 7.5 ~ 45 | Analog | 43x17 | for DIN form B Sensor head |
| SCC643 | TC, RTD | | | | | 7.5 ~ 30 | | 44x22.5 | |
| SCC671 | RTD | Yes, using DCC511 | | | | 6.5 ~ 32 | | 80x25x85 | DIN rail |
| TX1DR | TC, mV | No | | 2-wire, 4~20 mA | 1500 VAC | 10 ~ 30 | Microprocessor | 75x45x110 | DIN rail, Pipe, Wall mount, FLP |
| TX1HM | RTD | | | | | | | 47x17 | for DIN form B Sensor head |
| TX2DR | TC, mV | | | | | | | | |
| TX3DR | RTD | | | | | | | | |

SCC602



SCC621



SCC622



SCC632



SCC633



SCC641



SCC642



SCC643



SCC671



TX1HM



TX1DR



TX2DR





RTDs THERMOCOUPLES

GENERAL PURPOSE ASSEMBLIES

RHW SERIES FOR WP & RHX SERIES FOR FLP MODELS

- Pt100, 3/4-wire, others on request
- Class A / higher accuracy
- -50 to 400°C measuring range
- Flameproof design available



MINIATURE PIPELINE RTDs

RCP SERIES

- Pt100, 3-wire, others on request
- -50 to 200°C measuring range
- Class A / higher accuracy
- 4-20 mA on request



SANITARY SENSORS

RHS SERIES FOR WP & RXS SERIES FOR FLP MODELS

- Pt100, 3/4-wire, other calibrations available
- -50 to 250°C, other ranges available
- Class A / higher, accuracy
- 4-20 mA on request
- Flameproof design available



Polypropylene head

Aluminium head

ATEX head

SS mini head

AUTOCLAVE / STEAM STERILIZERS

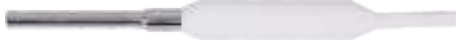
SILICONE RUBBER JACKETED CABLE

- Pt100, 3/4-wire
- Class A / higher accuracy
- 0 to 150°C measuring range

RAC240



RAC244



TEFLON INSULATED TIP

- Special limits of error (Class 1)
- Stranded wires for flexibility
- 0 to 150°C measuring range

TAC243



DRY HEAT STERILIZER (DHS)

- Pt100, 3-wire
- Class A accuracy
- 0 to 265°C

RDH245



LYOPHILIZER & DEEP FREEZER

- Pt100, 3/4-wire
- Class A / higher accuracy
- -100 to 200°C measuring range

RFL258



TEFLON INSULATED TIP

- Copper / constantan (T type) thermocouple
- Stranded wires for flexibility
- -100 to 200 °C measuring range

TFL248



TEFLON INSULATED CABLE

- Pt100, 3/4-wire
- Class A / higher accuracy
- 0 to 150°C

RAC243



- Pt100, 3/4-wire
- Class AA accuracy (1/3 DIN)
- 0 to 150°C measuring range

RAC251



RTDs FOR FEDEGARI AUTOCLAVE

- RTDs for Pt100, 4-wire
- Class AA accuracy
- 0 to 150°C measuring range

RAC544



TUNNEL VALIDATION

- T- type or K-type calibrations
- Special limits of error (Class 1)
- Upto 360 °C measuring range

TTV246



RTD WITH M12 CONNECTOR

- Pt100, 3-wire, others on request
- Class A / higher accuracy
- -50 to 200°C measuring range

RCM202



HYPODERMIC AUTOCLAVE

- Pt100, 3/4-wire
- Class A / higher accuracy
- 0 to 150°C measuring range

RAC900



RAC901





RTDs

THERMOCOUPLES
THERMOMETERS

VESSELS & PIPES

FOR TEMPERATURE MEASUREMENT IN TUBES

- Pt100, 3-wire
- Stranded wires for flexibility
- -100 to 200 °C measuring range

WITH G1/2 HEAD WITH INGOLD PORT

- Pt100, 3-wire
- Class A / higher accuracy
- 0 to 200°C



RHP502

RTP503



RHF200



RHF400

HVAC AND GAS

IN-DOOR

OUT-DOOR

AIR AND GAS

AIR / GAS / DUCT



RHV203



RHV502



RHV600



RHV403

PERFORATED TIP



RHV302

CLOSED TIP

PIPE LINE

- Offered with Weld in connection, clamp in, sanitary Tri-clover RTD



RHT600



RHP612



RTS600

SURFACE TEMPERATURE

- SS mounting clamp
- SS pads
- Class B accuracy
- Detachable sensor
- -20 to 200 °C measuring range



RCE200

RCS200

CLAMP-ON RTD

THERMOWELL ASSEMBLIES

- Tubular fittings used to protect temperature sensors
- Thermowells with various process connections available



VALIDATION PORT

- Slots for 18 Thermocouples
- 1.5" Tri-clover mounting
- Upto 150 °C and 3 bar pressure



VPA241

- Slots for 4, 7 & 9 RTDs
- 2" (63.5 mm) Tri-clover mounting
- Upto 150 °C and 3 bar pressure



VPA243

DIAL THERMOMETERS

BI-METAL

- Bi-metallic sensing element
- -50 to 400 °C
- Weatherproof to IP68 per IS/IEC 60529:2001



BEA200



BET200



BCA200

GAS/LIQUID FILLED

- Gas Filled/ Oil Filled Sensing Element
- Range (-)100 to 600 °C
- Weatherproof to IP68 per IS/IEC 60529:2001



GEA200

RIGID TYPE



GEA600

CAPILARRY TYPE



WITH ELECTRIC CONTACT



WITH ANTI VIBRATION MOUNT



RTDs THERMOCOUPLES

HANDHELD THERMOMETERS

TCK

- Display : 3 ½ digit, 7-segment, 0.5" (12.7mm) LCD display
- Accuracy : -50.0°C to 1000°C : ± 0.3 °C
1000°C to 1300°C : ± 1°C



DIGIRAD71

Pt100

- Display : 3 ½ digit, 7-segment, 0.5" (12.7mm) LCD display
- Accuracy : -150.0°C to 199.9°C : ± 0.3 °C
-200°C to 600°C : ± 1°C



ACCURAD71

UNIVERSAL

- Universal input : 8 TC, 3 RTD
- Display : 4 digit, 7-segment 0.5" (12.7mm) LCD display
- 0.1% linearisation accuracy
- Software calibration - no trim pots



UNIRAD

RH+T

- Display : 3 digit, 7-segment, 0.5" (12.7mm) LCD
- Accuracy : ± 2% RH
± 0.3°C
- Software calibration - no trim pots



HUMIRAD71

Pt100



Standard Immersion Probe

TCK



Standard Immersion Probe (MI)

Pt100



Quick Response Immersion Probe (MI)

TCK



Teflon Coated Immersion Probe

Pt100



Needle Probe

TCK



Prick Probe

Pt100



Standard Immersion Probe

TCK



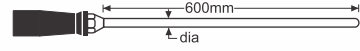
Standard Immersion Probe

TCK



Air Probe

TCK



High Temperature Immersion Probe

TCK



Quick Response Immersion Probe

TCK



Needle Probe

TCK



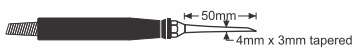
Teflon Coated Immersion Probe

TCK



Air Probe

TCK



Prick Probe

TCK



Leaf Surface Probe - 600 °C

TCK



Leaf Surface Probe - 400 °C

TCK



Bow Curved Surface Probe

TCK



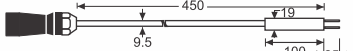
Leaf Surface Probe - 800 °C

TCK



Rotary Surface Probe

TCK



Smithy Probe



GAUGES

TUBULAR

- C-C distance : 400-3000mm
- Range : Upto 150 °C and 10 kg/cm²



REFLEX (SIDE-SIDE)

- C-C distance : 170-3000 mm
- Range : Upto 400 °C and 210 kg/cm²



DIP STICK TYPE WITH SWITCH

- C-C distance : 300-5000 mm
- Range : Upto 400 °C and 100 kg/cm²



MAGNETIC GAUGE (WITH TRANSMITTER)

- C-C distance : 300-5000 mm
- Range : Upto 400 °C and 100 kg/cm²



TRANSPARENT

- C-C distance : 170-3000 mm
- Range : Upto 400 °C and 210 kg/cm²



REFLEX (REAR-REAR)

- C-C distance : 170-3000 mm
- Range : Upto 400 °C and 210 kg/cm²



FLOAT & BOARD

- Easy to install, modular design
- Range : 1 - 15 meters
- Liquid density : >0.8 g/cm



MAGNETIC GAUGE (WITH SWITCH)

- C-C distance : 300-5000 mm
- Range : Upto 400 °C and 100 kg/cm²



FLOAT GUIDED

- Range : Upto 100 °C and 5 kg/cm²
- Liquid density : >0.7 g/cm³



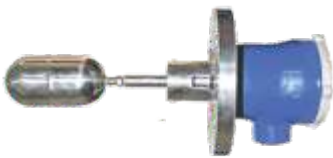
CABLE FLOAT

- Range : Upto 70 °C and 2 kg/cm²
- Liquid density : >0.75 g/cm³



SIDE MOUNTED

- Range : Upto 350 °C and 20 kg/cm²
- Liquid density : >0.7 g/cm³



CONDUCTIVITY

- Range : Upto 80 °C and 5 kg/cm²



DISPLACER

- Range : Upto 300 °C and 100 kg/cm²



CAPACITANCE

- Range : Upto 150 °C and 5 kg/cm²



ROTARY PADDLE

- For Solids
- Ambient temperature & pressure
- Bulk density : >0.5 g/cm³



VIBRATING FORK

- For Solids / liquids
- Range : 20 °C to 80 °C/150 °C
- and 25 kg/cm²



SWITCHES

LEVEL PRODUCTS



**LEVEL
TRANSMITTERS
CONTROLLERS**

FLOAT GUIDED

- Range : Upto 100 °C and 10 kg/cm²
- Liquid density : >0.7 g/cm³



CAPACITANCE TYPE

- For liquids and solids
- Range : Upto 150 °C and 5 kg/cm²



**SUBMERSIBLE
(INTERNAL MOUNTING)**

- Slended design for narrow openings
- Maximum temperature : 70 °C



**SUBMERSIBLE
(EXTERNAL MOUNTING)**

- Slended design for narrow openings
- Maximum temperature : 70 °C



**RADAR
(CONTACT - ROD TYPE)**

- Contact type, Ex-proof option
- Upto 3 mtrs



**RADAR
(CONTACT - ROPE TYPE)**

- Contact type, Ex-proof option
- Upto 10 mtrs



RADAR (EX-PROOF)

- Non contact type, Ex-proof option
- Range : Upto 120 °C and 12 kg/cm²



ULTRASONIC

- For Liquids and solids
- Range : Upto 70 °C and 1 kg/cm²
- LCD Display



CONTROLLERS FOR FGS SERIES

- Upto 4 set points
- Latching through DIP switch
- Site settable



Panel Mounting



Wall Mounting



Din Rail Mounting



Ex Proof

CONTROLLERS FOR CNS SERIES

- Upto 4 set points
- Latching through DIP switch
- Site settable



Panel Mounting



Wall Mounting

LEVEL CONTROLLER WITH LCD

- 4 relays/setpoints
- Size : 96x96x100mm
- Level indication in %/mm/cm/M and volume indication in %/Ltr/M3/Kg



With Volume Indicator

IBR CERTIFIED MANUFACTURING FACILITY

Approved for use in
Boiler Application





FLOW METERS

ELECTROMAGNETIC

- Maximum temperature : 160 °C
- Maximum pressure : 20 Kg/cm²
- Flow velocity : 1 to 10 m/s
- Communication - MODBUS, HART (optional)
- Rubber / PTFE / PFA lining
- Above 20 ms conductivity



FLANGE TYPE



SANDWICH TYPE



TRI-CLOVER TYPE

TURBINE

- Maximum temperature : 80 °C
- Flow velocity : 1 to 5 m/s
- Communication - MODBUS, HART (optional)
- Maximum pressure : 10 Kg/cm²
- Clean liquid
- Integral / Remote display



DISPLAY UNIT

- Maximum temperature : -20 to 70 °C
- Flow velocity : 0 to ±32 m³/s



WALL MOUNTED

PADDLEWHEEL FLOWMETER

- Service : Compatible water-based fluids
- Maximum temperature : 100 °C
- Maximum pressure : 22 kg/cm²



SIGHT GLASS INDICATORS

- Service : Liquids and gases
- Glasses can be individually removed and replaced
- Maximum temperature : 250 °C
- Maximum pressure : 100 kg/cm²



STRAINERS

Y-STRAINER

- Flanged type, ½" to 12", screwed & socketed, ½" to 2"
- Cast steel & cast stainless steel



TEE STRAINER

- Flanged / buttwelded, 4" to 24"
- Carbon steel & stainless steel



DUPLEX STRAINER

- Flanged type, 2" to 12"
- Carbon steel & stainless steel



BASKET STRAINER

- Flanged type, 4" to 24"
- Carbon steel & stainless steel



FLOW RATE INDICATORS/TOTALISERS

CONTINUOUS AS WELL AS BATCH FLOW PROCESSES

- 4 Setpoints / Relays
- Isolated 4~20 mA output
- Isolated RS485/MODBUS RTU

6-DIGIT RATE INDICATOR,
8-DIGIT TOTALISER



FLT601

4-DIGIT RATE INDICATOR,
6-DIGIT TOTALISER



FLT401



CLEAN ROOM INDICATORS

FULL FEATURED

- LCD/LED display with backlight
- Upto 1" large, bright LED display
- Complete SS Front, Sanitary, water resistant design
- Upto 3 analog outputs
- 3 programmable Alarms with audio/visual annunciation
- Touchless alarm acknowledgment
- RS485 MODBUS/Ethernet communication
- Integral and remote sensors

HAWKEYE PRO



MINIATURE VERSION

- RH, Temperature & DP measurement
- 0.45" Multicolor bright LED display
- Compact design with water resistant front
- Software programmable channel ranges, units & input types
- 3 programmable Alarms with audio/visual annunciation
- RS485 MODBUS/Ethernet communication
- Integral and remote sensors
- Available with 21CFR Compliant powerful SCADA

HAWKEYE MINI



TOUCH SCREEN VERSION

- 5" TFT LCD with capacitive touch interface
- 4 analog selectable inputs, 4 Digital inputs
- Upto 2 Integral digital DP sensors, advanced digital RH+T sensor
- Upto 3 Analog outputs, 4 Digital outputs
- RS485 MODBUS/Ethernet communication
- USB Port of data collection
- Datalogging option
- User selectable screens

HAWKEYE TFT



| Model | Input | Digital Input | Buzzer Output | Analog Output | Supply | Display Digits | Communication |
|------------------|----------------------|--------------------------|---------------|-----------------|-------------------------------------|-----------------------------|-----------------------------|
| HAWKEYE | 3 x Integral, Remote | Potential free AHU Input | Yes | 3 | 85~265 VAC, 50/60 Hz / 20~35 VDC | 3+3+3 (0.8") | RS485 / MODBUS RTU |
| HAWKEYE RTC | | | | | | 3+3+3+4 (0.56") | |
| HAWKEYE PRO | | | | | | LCD with backlight | |
| HAWKEYE FLP | 3 x Remote | No | 3+3+3 (0.8") | | | | |
| HAWKEYE | 2 x Integral, Remote | Potential free AHU Input | No | 2 | | 3+3 (0.8") | |
| HAWKEYE | 3 x slave | | | 3 | | 3+3+3 (0.8") | |
| HAWKEYE RTC | | | | 3+3+3+4 (0.56") | | | |
| HAWKEYE ETH | 3 x Remote | No | Yes | 0 | 3+3+3 (0.8") | MODBUS / TCP & Telnet | |
| HAWKEYE ETH | 2 x Remote | No | 3+3 (0.8") | | | | |
| T-SYNC | - | No | No | 3 | 24 VDC | 4+2+6 (0.8"+0.56"+0.39") | RS485 / MODBUS RTU |
| HAWKEYE PRO FLP | 3 x Remote | Potential free AHU Input | Yes | | | LCD with backlight | |
| HAWKEYE MINI RTC | | | | | | 0 | |
| HAWKEYE MINI | 3 x Integral | | | 4 x Remote | 3 | 3 | TFT LCD with touchscreen |
| DPG211 | 4 x Integral | | | | | | |



HAWKEYE



HAWKEYE RTC



HAWKEYE PRO



HAWKEYE FLP



**HAWKEYE
WITH ANALOG INPUT**



**HAWKEYE RTC
WITH ANALOG OUTPUT**



HAWKEYE ETH



HAWKEYE PRO ETH



T-SYNC



HAWKEYE PRO FLP



HAWKEYE MINI



DPG211



RH, T, DP TRANSMITTERS

RH+T TRANSMITTERS

SC806



Duct option available

FLP, wall mount, IP66

SC804



LED display

RHT811



1 / 2 x 0~10 VDC

Wall/duct mount, IP65, display option available

SC807



2 x 4~20 mA

RHT861



2-wire, 4 x 4-20 mA, Pt100 option

RHT861



LCD display

BATTERY OPERATED - RH, T, DP

RHT802



FLP RH+T

RHT803



WALL RH+T

DPG201



DP INDICATOR

RH+T TRANSMITTERS, 2-WIRE

| Model | Size HxWxD (mm) | Display Digits | Output | Supply | Degree of Protection | Mounting |
|--------------|--|-------------------------------|------------------|-------------------------|----------------------|-------------------------|
| SC804 | 149x140 | 4+4, LED | 2 x 4~20 mA | 11.5~32 VDC loop supply | IP66, FLP | Surface |
| SC805 | 80x82x55 | 4+4, LCD | | 4.5~32 VDC loop supply | IP65 | Surface / Duct mount |
| SC806 | Surface : 119x119x85 Duct : 107x115 | – | | | IP65, IP66, FLP | |
| SC807 | 80x82x55 | – | MODBUS RS485 RTU | 20~32 VDC supply | IP65 | |
| SC808 | | 4+4, LCD | 1 / 2 x 0~10 V | 18~30 VAC/DC | | |
| RHT811 | | 4+4, LCD / Without Display | | | | |
| RHT811 (FLP) | Surface without display - 119x119x85 Surface with display - 150x150x104 Duct without display - 107x115 | 4+4, LCD / Without Display | 4 x 4~20 mA | 13.5~32 VDC loop supply | IP65, IP66, FLP | |
| RHT861 | 80x120x55 | 4+4, LCD | | IP65 | | |

RH+T & DP INDICATORS, BATTERY OPERATED

| Model | Size hwxwd mm | Display Digits | Accuracy | Battery Life | Degree of Protection | Mounting |
|--------|---------------|----------------|-----------------------|--------------|----------------------|----------------|
| DPG202 | 90x110x40 | 4+4, LCD | ± 1.5% DP, ± 0.3 mmWC | 1 year+ | NA | Panel |
| RHT802 | 148x148x105 | | ± 2% RH, ± 0.5 °C | | IP65, FLP | Wall / Surface |
| RHT803 | 80x82x55 | | ± 3%RH, ± 1 °C | | | |

DP TRANSMITTERS, 2-WIRE

- 2-wire, 4~20 mA, 1 or 2 analog output
- Units : Pa, mmWC, mbar, inWG, inHg, PSI, mmHg
- Dual 7-segment LCD display
- High accuracy
- Software calibration - no trimpots
- 12~32 VDC Loop supply
- PC programmable
- DIP for range selection (DPT551)
- Parameter configuration usings keys for models (DPT551) with display



DPT501
Flameproof wall mount



SCC503
Duct mount



SC504
Surface mount



DPT551
Flameproof wall mount

DP TRANSDUCERS

- 4~20mA / 0~10 V outputs
- Unit : Pa, mmWC, mbar, inWG, inHg, PSI, mmHg
- Dual 7-segment LCD display
- Software calibration - no trimpots
- 18~30 VAC or DC
- PC programmable
- DIP for range selection
- Parameter configuration usings keys for models with display
- RS485/MODBUS RTU
- PC programmable



Surface mount



Duct mount



Flameproof wall mount



Flameproof duct mount

DPT511



AIR QUALITY

AIR VELOCITY TRANSMITTERS

- 2-wire, 4~20 mA, 1 or 2 analog output
- Units: Pa, mmWC, mbar, inWG, inHg, PSI, mmHg
- Dual 7-segment LCD display
- Software calibration - no trim pots
- 12~32VDC Loop supply
- Auto-zero adjustment with push button switch
- DIP for range selection (DPT551)

DPT522



WALL



FLP WALL



DUCT



FLP DUCT

CARBON MONOXIDE TRANSMITTER

- 2-wire, 4-20mA output
- User configurable CO ranges upto 1000 ppm
- Optional 4 digit dual row LCD display
- Field replaceable CO sensor
- DIP for range selection
- IP65 enclosure
- Wall mount

SCC653



CARBON DIOXIDE TRANSMITTER

- 4-20mA output
- User configurable CO2 ranges from 0~2000/ 0~5000 / 0~10000 ppm
- NDIR CO2 sensor with dual channel detection
- Technology for superior stability with LCD display
- Ambient Pressure, altitude compensation
- Automatic self calibration option
- DIP for range selection
- Wall mount

SCC664



AHU CONTROLLER

- RH+T Input from Transmitter
- 2 x 4~20mA / 0~10 VDC
- 7 Relays for Control / Alarm (Heater, Chiller, DX Coils)
- RS485 / MODBUS RTU
- 6 DI for AHU ON/OFF, filter life indication, trip alarm , etc

NEX205



HVAC CONTROLLERS

- Input : RH and T signals from sensor
- Accuracy : $\pm 2\%$ RH, $\pm 0.3^\circ\text{C}$
- Upto 50 metres between sensor and instrument
- 85~265 VAC



HTC96



HX96A

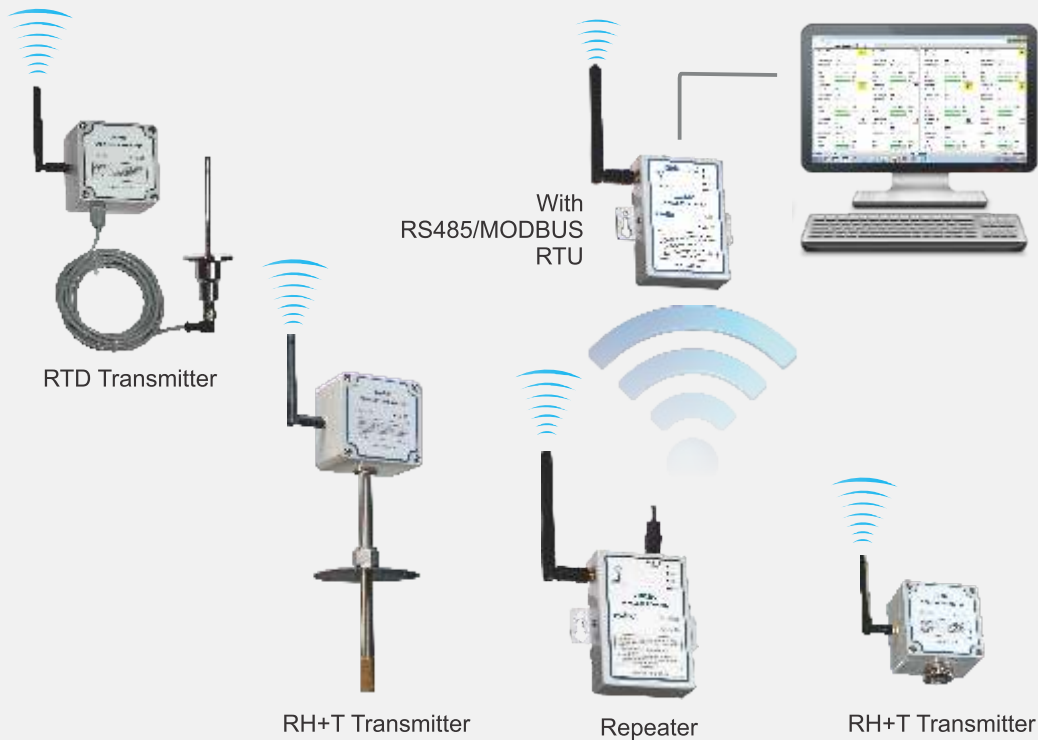


RHC301



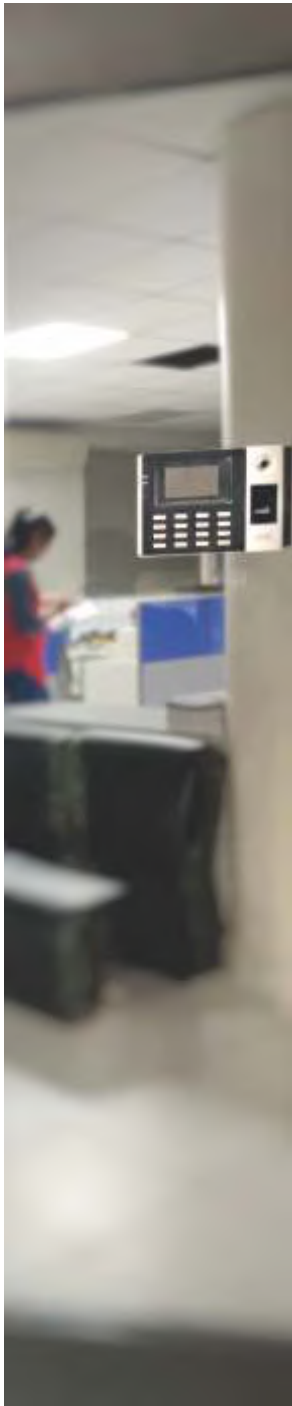
| Product | Model | Size HxWxD mm | RH+T Sensor | Display Digits | Setpoints | Retransmission Outputs | RS485 | Mounting |
|------------|--------|---------------|-------------|----------------|-----------|------------------------|-------|----------|
| Controller | HTC96 | 96x96x100 | Remote | 4+4 | 0/1/2 | 1 | No | Panel |
| | HX96A | | | | 0/1/2/3/4 | 2 | Yes | |
| | RHC301 | | | 4+4+4 | 2/4 | 1 | No | |
| | RHC201 | | | 4+4 | 0/2 | 1 | No | |

WIRELESS TRANSMITTER-RECEIVER SYSTEMS

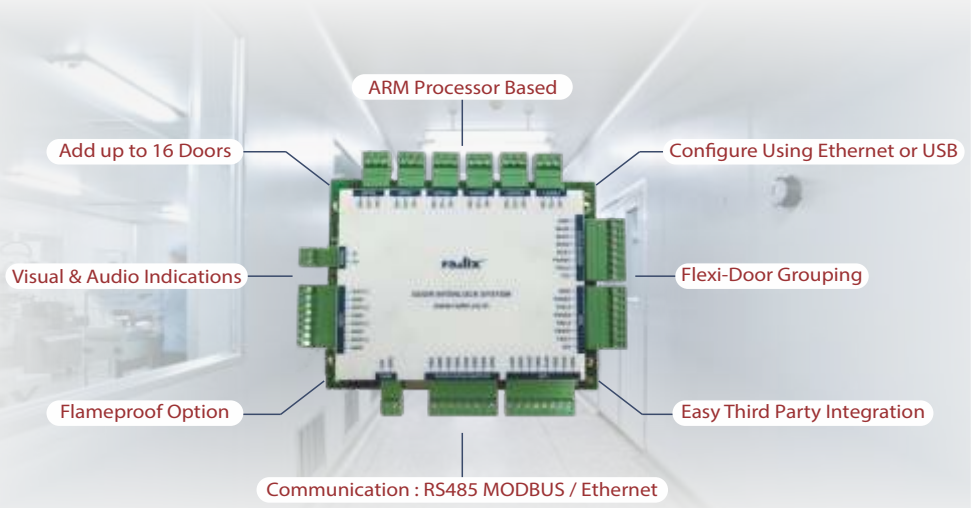


%RH, RTD, THERMOCOUPLE

- Transmitter (Surface and Head Designs)
 - RTD : Pt100
 - Thermocouple : J, K, T, E, R, S, B, N
 - % RH
- Range :
 - Up to 40 m indoor / urban
- Repeater to extend range
- Receiver with RS485 converter
- Full-featured SCADA option
- Battery life : Minimum 1 year
- Transmit interval : 60 to 3600 seconds



DOOR INTERLOCK CONTROLLERS



- | | | | |
|--|---|--|---|
| <p>DXC241 2~4 DOOR WITH RS485</p> | <p>DXC281 2~8 DOOR WITH ETHERNET</p> | <p>DXC341 2~4 DOOR FOR OEMs</p> | <p>DXC421 PASS BOX CONTROLLER WITH RS485</p> |
|--|---|--|---|

ELECTROMAGNETIC DOOR LOCKS

- Type : Electromagnet / Drop bolt
- Holding force : Holding force 600lb/280Kg
(99.99% pure copper coil used)
- Rust protection : Blue zinc-plating
- Voltage : 12VDC
- Current : 0.48A
- Operating temperature : -20 ~ 60 °C
- Options : Regular, IP65, FLP



EMERGENCY SWITCHES

- Contact type : Normally open
- Standard structure : Stainless steel
panel, steel button
- Panel material : Stainless steel,
brush finish



NO-TOUCH SWITCHES

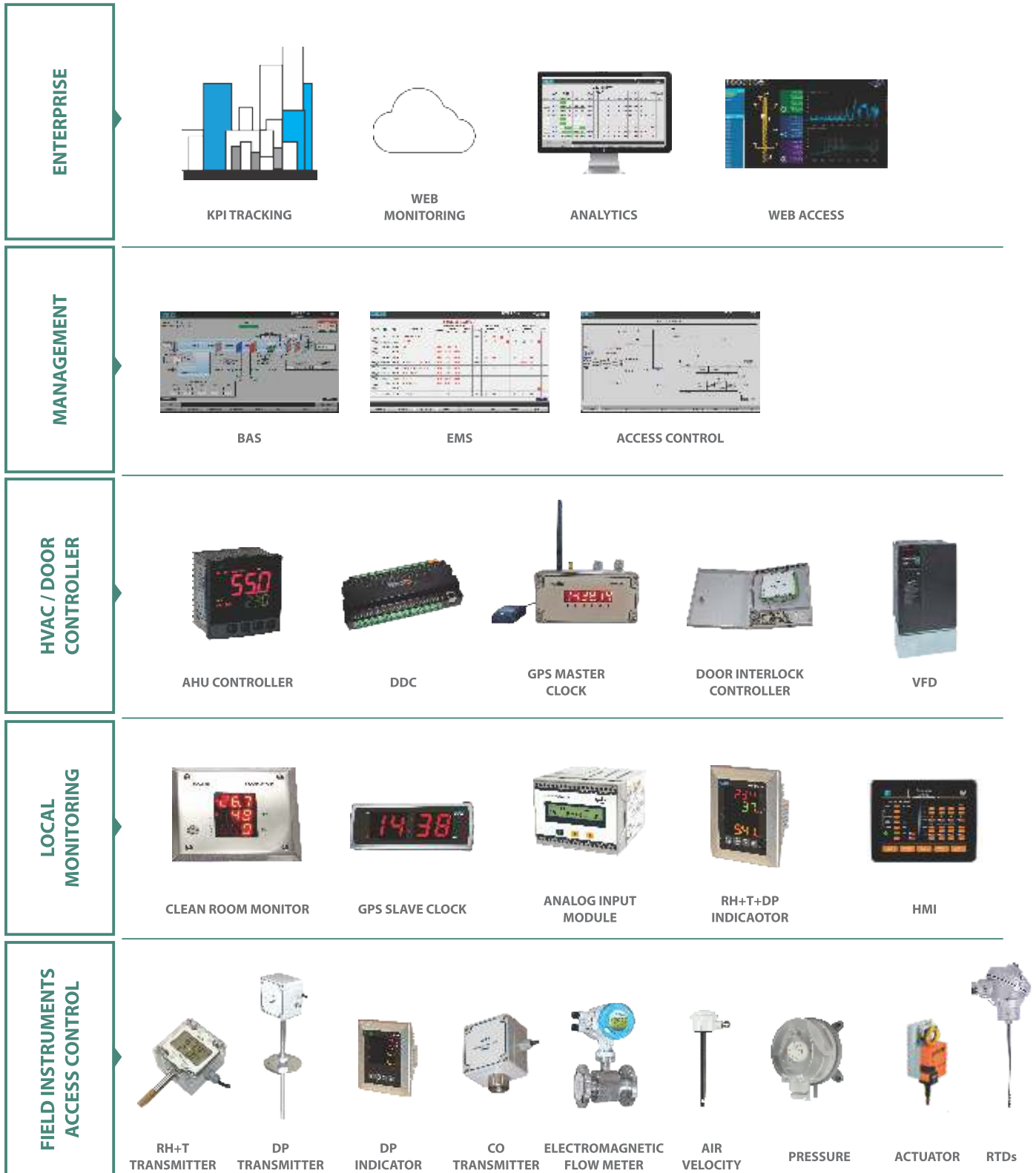
- Input voltage : 12VDC
- Contact rating : 3A/120VAC 30VDC
- Operating temperature : -20 °C ~ 50 °C
- Life : 500000 operations
- IP : IP65 optional



BMS, HVAC AUTOMATION

- Integrated BAS/EMS end-to-end solutions for Pharma, Commercial BAS, HVAC systems
- In-house team of Automation and Instrumentation specialists

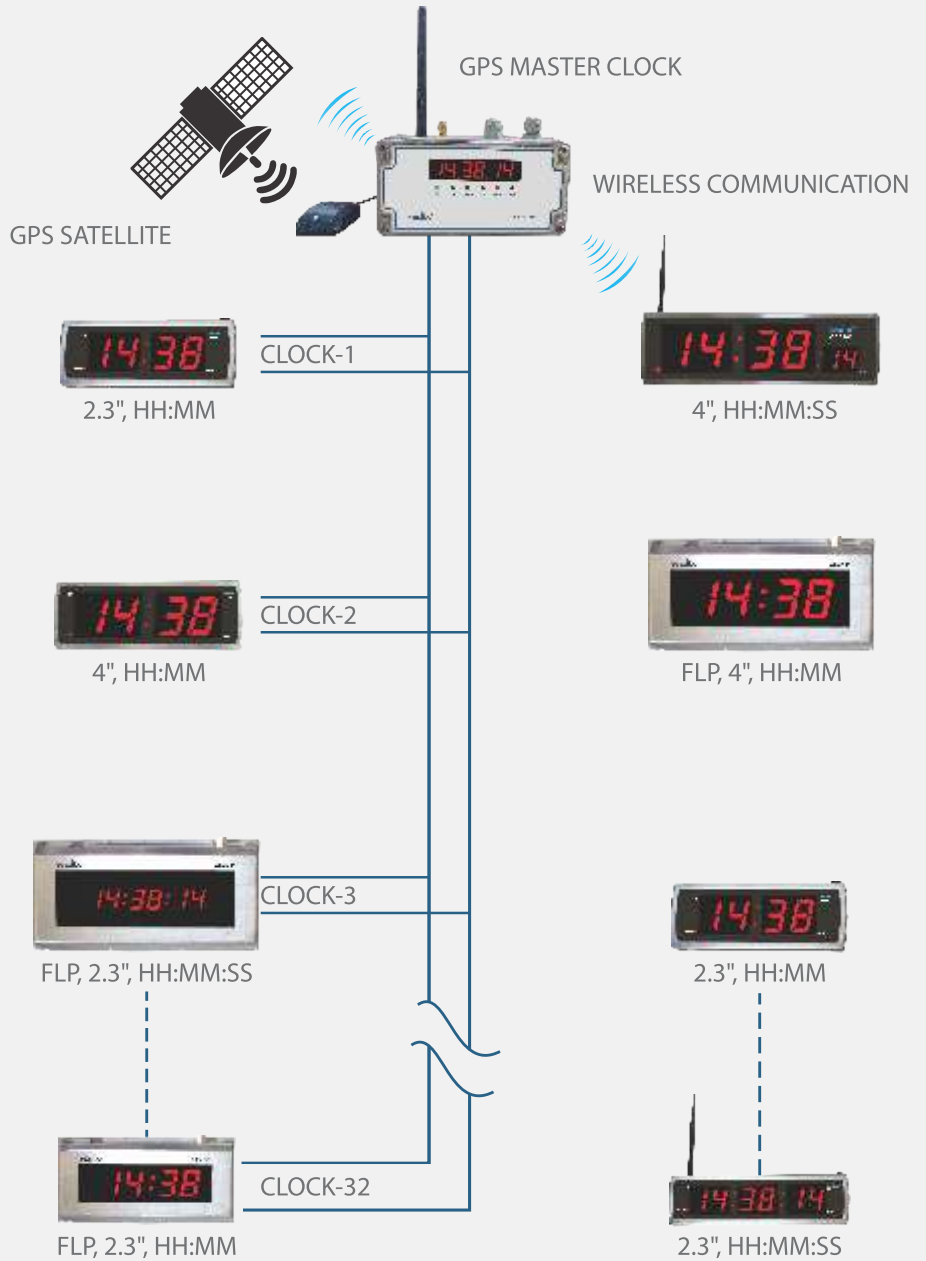
BMS SYSTEM ARCHITECTURE





GPS CLOCKS

GPS WIRELESS & NETWORK CLOCKS



GPS RF REPEATER

- Power supply : 85~265 VAC
- Interface : Master to Repeater & Repeater to slave clocks
RF wireless (867 MHz)
- LED indications : Repeater
- Protection : IP20
- Material : ABS with polycarbonate
- Mounting : Table top and Wall mount



MASTER CLOCKS

- Time format : 6 digit (HH:MM:SS)
- Display colour : Red
- Isolation power supply and RS485 : 2000VAC, RMS, 1 minute
- Operating temperature : 0 - 50 °C
- Storage temperature : 0 - 60 °C
- Relative humidity : 0-95 %, non-condensing

- Enclosure : Gas group IIA & IIB
- Finish : Grey, Epoxy coated
- Protection : IP55 as per IS/IEC 60529-2001
- MOC : Aluminium casting alloy LM-6
- Display window: Toughened glass 8mm thick
- Cable entry : 1/2" NPT x 2 Nos.
- Cable gland : Not provided



GMC201
With RF, RS485



GMC203
With Ethernet, RS485, RF



GMC201 Flameproof
With RF, RS485

SLAVE CLOCKS

- Time format : 4 digit (HH:MM), 6 digit (HH:MM:SS)
- Display colour : Red, White, Green
- Power supply : 85-265 VAC / 50 HZ
- Operating temperature : 0~50 °C
- Storage temperature : 0~60 °C
- Relative humidity : Below 90%, non-condensing
- Interface : RF/RS485/Ethernet



HH:MM:SS



HH:MM



FLUSH MOUNT



HH:MM:SS, DD:MM:YY



WIRED CLOCK



FLAMEPROOF

PRESSURE PRODUCTS



**GAUGES
TRANSMITTERS**

Bourdon Tube Industrial Type
PBE200



Bourdon Tube Industrial Type
Liquid Filled **PBE201**



With Sealed Unit &
Flush Mounting
CSF16



With Sealed & Flanged
Flush Diaphragm Seal
CSF10



With Sealed Unit &
Extension Capillary
CSE08-AC



Contact Gauge
EOC



Sanitary Gauges
SDT01



With SMS connection
SDU01



With Sealed Unit &
Cup Type Tension Flanges

CSA02



With Welded Sealed Unit

CSA05



With Sealed Unit &
SS Tension Flanges

CSA03



With Sealed Unit &
I-Section Flange

CSE08



With Diaphragm Seal
for Pulp & Paper Industry

CSP20



With Flange &
Extended Sealed Unit

EDU20



Diaphragm Gauge
for Low Pressure

LPA01



Diaphragm Gauge
with Compact Capsule

CCC



Bourdon Tube
Copper Alloy

PCB200



PRESSURE TRANSMITTERS



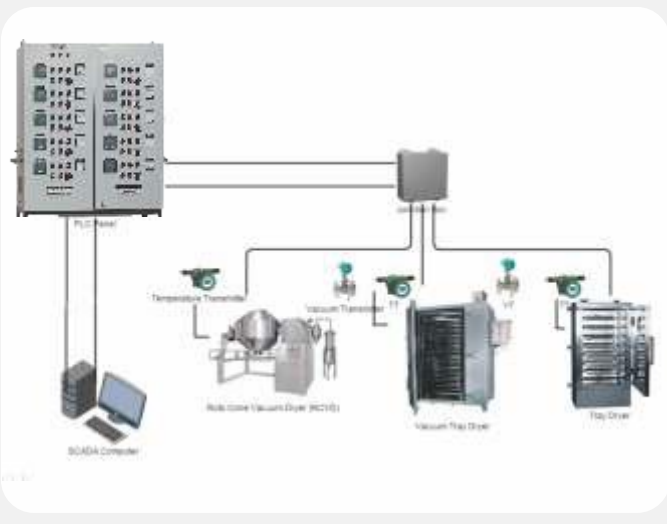
• With Triclover - PTF series

• With Welded Sealed Unit

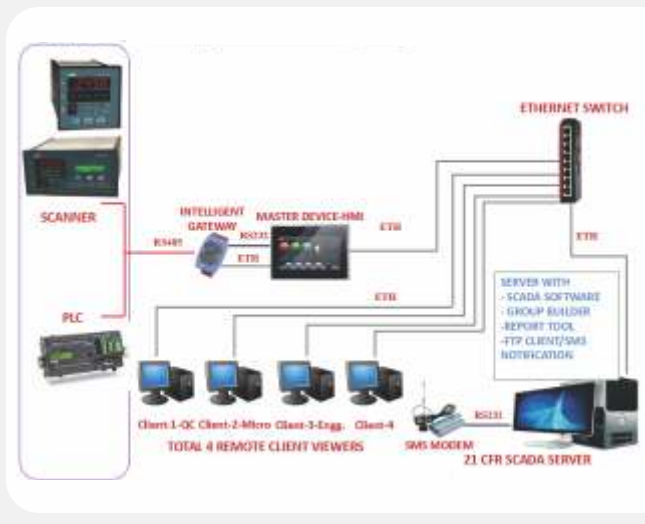
• With Flush Diaphragm

• FLP version

DATA ACQUISITION SYSTEMS



ONLINE-OFFLINE REDUNDANT SYSTEMS



PANELS AS PER YOUR REQUIREMENTS

- VFD control panel
- Heater control panel
- Hydraulic power pack control panel
- Test bench
- Signal isolator panel
- PLC control & monitoring panel
- Starter panel
- Alarming panel
- Scanner control panel
- FLP instrument control panel
- FRP instrument panel
- Annunciator panel
- Pressure gauge panel
- DDC/HVAC panel
- MCC/PCC panel
- Gas detection panel



SIGNAL ISOLATORS

LOOP POWERED ISOLATORS

- 4~20 mA Inout / Output
- No Supply
- 0.1% Accuracy
- Loop Drop - LPI51 : <3.7V
- LPI61 : <5 V
- Load - LPI51 : 25~375 Ohms
- LPI61 : 0~600 Ohms



LPI51

LPI61

AC/DC VOLTAGE/ CURRENT TRANSDUCER



SCC402

SCC314

- Output : 1 or 2 0/4~20mA or 0/1~5/10VDC
- Input : AC/DC Voltage / Amp
- 1500VAC RMS Isolation
- RS485 , MODBUS RTU option

PROGRAMMABLE SIGNAL ISOLATORS

- Universal Input
- Multiple Output : Single/Dual, upto 5 0/4~20 mA, 0~1/5/10 V DC output
- Input/supply/outputs mutually isolated
- Display : Blind, LED, LCD options
- RS485, MODBUS RTU option
- Fast response output option



SCC313

SCC311

MSI7P

REPEATER POWER SUPPLY / ISOLATING DRIVER



SCC301

- 25 mm, din-rail mount
- 0/4~20 mA output with HART
- Input : 0/4~20 mA
- ±0.1% accuracy
- 1500 VAC RMS /1 min isolation
- Resistance input upto 750 ohms

| Model | Size HxWxD (mm) | Input | No. of Output | Output | Supply | Display | Mounting | Remarks |
|--------|-----------------|--|---------------|------------------------|--|-------------|----------|-----------------------------------|
| SI3P | 75x55x110 | Voltage, Current, TC/RTD, etc | 1 | 0/4~20 mA, 0~10 V, etc | 85~265 VAC, 50/60 Hz / 17~35 VDC | | DIN rail | Most popular |
| SI3P | | Load Cell | | | | | | New |
| SI4P | 75x45x110 | 0/4~20 mA | 2 | 0/4~20 mA | 17~35 VDC | - | | 1K ohm load, Line fault detection |
| SI4P | 75x55x110 | | | | 85~265 VAC, 50/60 Hz | | | |
| SCC301 | 80x25x85 | | | | 20~35 VDC | | | HART compatible |
| SCC311 | 75x55x110 | Universal | 1, 2 | 0/4~20 mA, 0~10 V, etc | 85~265 VAC, 50/60 Hz / 20~30 VDC | 4 digit LED | | Programmable, RS485/MODBUS |
| SCC313 | 100x22.5x114 | | | | AC Voltage, DC Voltage, AC Current, DC Current | | | |
| SCC314 | | | | | | | | |
| SCC401 | 100x22.5x114 | Voltage, Current, TC/RTD, Ohms, etc | 1 | 0/4~20 mA, DC Volts | 85~265 VAC, 50/60 Hz / 20~36 VDC | - | | High Accuracy |
| SCC402 | | AC Voltage, DC Voltage, AC Current, DC Current | | | | | | |
| VISO | 75x55x110 | 0~±10 V, 0~250hz | 1, 2 | 0~±10 V, 0~250 Hz | 17~35 VDC | | | For AC & DC signals |
| MSI7P | 75x100x110 | Universal | 3, 4, 5 | 0/4~20 mA, 0~10 V, etc | 85~265 VAC, 50/60 Hz / 20~35 VDC | 2x16 LCD | | Programmable, RS485/MODBUS |
| MSI7P | | Oxygen Lambda Sensor | 1, 2 | 0/4~20 mA, 0~10 V, etc | | | | |
| MSI7P | | Oxygen Probe (Carbon Potential) | | | | | | |
| LPI51 | 80x25x85 | 4~20 mA DC | 1 | 4~20 mA | Loop powered | - | | For AC & DC signals |
| LPI61 | | | | | | | | |

SIGNAL ISOLATORS

- 0/4~20 mA, 0~1/5/10 VDC output
- Input: 0/4~20 mA, Ohms, RTD, Thermocouples, etc. (factory set)
- 0 ~ ±10V, 1 or 2 outputs
- 0/4~20 mA, 0~1/5/10 VDC output
- Input: 0/4~20 mA, Ohms, RTD, Thermocouples, AC Amps, AC volts, load cell, etc. (factory set)
- 2-wire, 4~20 mA or 20~4 mA output
- Input : 2-wire transmitter 4-20 mA, 0/4~20 mA



SCC401



VISO



SI3P



SI4P

COMMUNICATION PRODUCTS

PROTOCOL CONVERTERS



USB to Serial Isolated
DCC501



USB to Hart Isolated
DCC503



USB to Hart, Isolated
DCC505



Ethernet IO module, 5 digital inputs,
5 digital outputs
DCC621



Ethernet IO module, 2 digital inputs,
2 digital outputs
DCC601



Ethernet IO module, 2 digital inputs,
2 digital outputs
DCC602



RS232-RS485
DCC301



RS485 Repeater
DCC302



| Model | Description | Digital input | Digital output | Protocol | Power supply | Isolation | Supported serial Parameter | Browser utility | Size HxWxL (mm) | | |
|--------|------------------------------|---|--|--------------------------|----------------|---|---|--|--------------------------------------|--------------------------------------|--------------|
| DCC201 | Serial to Ethernet | NA | NA | MODBUS TCP to MODBUS RTU | 18-36 VDC | Three port Isolation | Variable Data Bit, Baud Rate, Stop Bit, Parity | Available | 100x22.5x114 | | |
| DCC603 | Multihost serial to Ethernet | | | | 12-48VDC | Non Isolated | | | DCC211 | Serial to Ethernet with Dual masters | |
| DCC301 | RS232-RS485 | | | | 18-36 VDC | Provides optical isolation between the RS232 and RS485 or RS422 | | | | Any | 30.1x48.3x95 |
| DCC302 | RS485 Repeater | | | RS485 | | Isolation between the two RS485 ports and power supply | | | | | |
| DCC501 | USB to serial - isolated | | | NA | NA | NA | 2 kV isolation between PC and the instrument being programmed | Variable Baud Rate, NA, Variable Baud Rate, NA | NA | 30.1x48.3x83.5 | |
| DCC503 | USB to HART - isolated | | | | | | | | | | HART |
| DCC505 | USB to RS485 - isolated | | | | | | | | | | RS485 |
| DCC506 | USB to RS232 | | | | | | | | | | RS232 |
| DCC621 | Ethernet IO module | | | 5 | 5 | MODBUS TCP to MODBUS RTU | 18-48 VDC | DI and DO are Isolated from power supply and ETH | Variable Baud Rate, Stop Bit, Parity | Available | 100x75x110 |
| DCC601 | | | | 2 | 2 | | 12-48VDC | DI and DO are Isolated from power supply | | | 30.1x48.3x95 |
| DCC602 | | 1) 2 open collector output OR 2) 2 relay output | DI and DO are Isolated from power supply and ETH | | 30.1x48.3x97.9 | | | | | | |

Serial To Ethernet
DCC201



Serial to Ethernet with Dual masters
DCC211



Multihost serial to Ethernet
DCC603





INPUT MODULES SCANNERS

ANALOG INPUT MODULE

SCM201

- Din rail enclosure
- Universal input - 4 / 8 analog inputs, digital
- Isolated RS485/MODBUS RTU, up to 57600 Baud
- 85~265 VAC or 17~60 VDC supply voltage range
- Calibration and configuration through PC using DCC502 USB-to-Serial converter
- Powerful, flexible SCADA software available
- Microprocessor technology



| Model | No. of Channels | Input Channel-to-Channel Isolation | Communication Port | Supply |
|--------|-----------------|------------------------------------|--------------------|-----------------------|
| SCM201 | 8 | No | RS485 | 17~60 VDC, 85~265 VAC |
| SCM203 | | | Ethernet | |
| SCM211 | 4 | 300 VAC or 400 VDC | RS485 | 15~30 VDC, 85~265 VAC |

SCANNERS

ISOSCAN-H



16 channel, 96x192x220

ISOSCAN-V



16 channel, 192x96x220

UMX201



8 channel, 96x96x109

ISOSCAN-FLP



FLP, 16 channel, wall mount

UMX-FLP



FLP, 8 channel, wall mount

| Model | No. of channels | Input | Output | No of keys | Communication | Supply | Dimensions | Isolation |
|-----------|-----------------|-----------|--------------|------------|----------------|---------------------------|-------------------------|---|
| ISOSCAN-H | Multi | Universal | 16 Relays | 3 | Isolated RS485 | 85 ~ 265 VAC/DC or 24 VDC | 96(H) x 192(W) x 220(D) | Suitable for low (leakage) voltages less than 3 VAC |
| ISOSCAN-V | | | | | | | 192(H) x 96(W) x 220(D) | |
| UMX201 | 8 | | 4 / 8 Relays | 4 | | | 96(W) x 96(H) x 109(D) | NA |



SCR TIMERS INDICATORS

SCR POWER REGULATORS

TPR201
50/60/80/100A



- Three Phase, Two Leg
- Zero cross over control

TPR201
35A



- Three phase
- Phase angle control

TPR201
125/160A



- Three phase
- Phase angle / zero cross over control

TPR301
60/80/100/125/160/180A



- Single & Two phase
- Phase angle control

TPR201
180/200A



- Three phase
- Phase angle / zero cross over control

TPR401
50/60/80/100A



- Three Phase, Two Leg
- Zero cross over control

DPU SERIES



- Three Phase
- Phase angle & zero cross over control
- RS485 Communication
- Digital Display

TIMERS, COUNTERS & RATE INDICATORS



RCT203



RCT403



RCT206



T25



RCT301

| Product | Model | Size HxWxD (mm) | Setpoints | Retransmission Output | Supply | Display Digits | Non-volatile Memory | Remarks |
|------------------------------------|--------|-----------------|-----------|-------------------------|--|---|---|---|
| Rate indicator with totaliser | RCT203 | 48x96x100 | 0 | 0 | 85~265 VAC OR 24 VDC | 6 | Yes | - |
| Rate indicator with alarms | RCT206 | | 2 | 1 | | 6+6 | No | |
| Preset counter with Rate indicator | RCT301 | 72x72x100 | 1 | 0 | | 6 | Yes | |
| Preset counter | RCT403 | | 2 | | 9 ranges, 4 functions, configurable control inputs | | | |
| Timer | RCT601 | 48x48x100 | 2 | 0 | 85~265 VAC | 4 | Yes | 9 ranges, 12 functions, configurable control inputs |
| Timer | RCT602 | | 1 | | 9 ranges, 4 functions, configurable control inputs | | | |
| Timer | RCT604 | 72x72x100 | 2 | 0 | 85~265 VAC OR 24 VDC | 4 | No | 9 ranges, 4 functions, configurable control inputs |
| Timer | RCT606 | | 1 | | | Pushwheel switch, configurable control inputs | | |
| Timer | RCT702 | 48x48x100 | 2 | 85~265 VAC | 4+4 | No | 9 ranges, 12 functions, configurable control inputs | |
| Digital Din rail timer | T25 | 80x25x85 | 2 | 20~265 VAC/DC, 50/60 Hz | 2 | | - | |

LOOP POWERED INDICATORS



SD201



SD202



PLD40



PLD40



PLD40

| Model | Size HxWxD (mm) | Input | Mounting | Loop Drop | Display | Remarks |
|-------|-----------------|---------|--------------------|-----------|--------------------------|---|
| SD201 | 80x120x55 | 4~20 mA | Field / wall mount | <1V | LCD, 12.7 mm x 3.5 digit | 0.025% accuracy, very low loop drop |
| SD202 | | | Field | <1V | LCD, 50.8 mm x 3.5 digit | |
| PLD40 | 142x84 | 4~20 mA | 2" Pipe, FLP | 5V | LED, 14.2 mm x 4 digit | Programmable, 0.1% accuracy, square root function |
| | 55x82x80 | | Field / wall mount | | | |
| | 48x96x35 | | Panel mount | | | |

FLAMEPROOF PRODUCTS



SENSORS INSTRUMENTS

PID CONTROLLER

NEX207



ONOFF CONTROLLER **NEX307**



LOOP POWERED
ISOLATOR
TEMPERATURE
TRANSMITTER

PLD40

TX3DR



PID CONTROLLER
FLOW INDICATOR / TOTALISER
8-CHANNEL SCANNER

**X96P
FLT601
UMX201**



RPM INDICATOR

NEX602



RH+T, DP TRANSMITTER

**RHT811
DPT511**



RTDs

RHX502



FLAMEPROOF, WEATHERPROOF PRODUCTS

| Product | Model | Analog input | Digital input | Analog output | Relay output | Display digits | Supply | RS485/ MODBUS | Transmitter Supply | Gas groups | Degree of protection |
|---|----------|--------------|--|-------------------|--------------|----------------|--------------------------|---------------|--------------------|-------------|----------------------|
| Temperature controllers | | | | | | | | | | | |
| Autotune PID Controller | X96P | Upto 2 | NO | 2 | 5 | 4+4+3 | 85-265 VAC or 20-35 VDC | Yes | Yes | I, IIA, IIB | IP 65 |
| PID, ONOFF controller | NEX207 | | Upto 2 | | | 4+4 | | | | | |
| PID, ONOFF controller | NEX307 | | Upto 2 | | | | | | | | |
| ONOFF Controllers | | | | | | | | | | | |
| Differential temperature controller | X96Delta | Upto 2 | NO | 2 | 4 | 4+4+4 | 85-265 VAC or 20-35 V DC | Yes | Yes | I, IIA, IIB | IP 65 |
| Scanner | | | | | | | | | | | |
| Multi-channel scanner | ISOSCAN | Universal | NO | NO | 16 | 4.5+4.5+2 | 85-265 VAC or 20-35 V DC | Yes | NO | I, IIA, IIB | IP 55 |
| 8-channel scanner | UMX201 | | | | 4 | 5+2+1 | | | | | IP 65 |
| Flowrate indicator / totalizer | | | | | | | | | | | |
| Flowrate indicator / totalizer | FLT601 | 1 | Upto 3 | 1 | 4 | 8+6 / 6+4 | 85-265 VAC or 20-35 V DC | Yes | Yes | I, IIA, IIB | IP 65 |
| RPM / Rate indicators , timers, counters | | | | | | | | | | | |
| Programmable rate indicator | RCT202 | NO | Limit switch, Proximity switch, 5-30 VDC | No | 0 | 4 | 85-265 VAC or 24V DC | NO | NO | I, IIA, IIB | IP 65 |
| RPM / Rate indicator with alarm | RCT206 | | | 4-20 mA, 0-10 VDC | 2 | 6+6 | | | | | |
| Preset counter with rate indicator | RCT301 | | | | | | | | | | |
| Multifunction memory timer | RCT605 | | | NO | NO | 2 | | | | | |

| Product | Model | Input | Output | Input / Output Isolation | Supply | Local Display | Gas groups | Degree of Protection | Mounting |
|---|--------|----------------------|-----------------------|--------------------------|-------------------------|-------------------------|-------------------|----------------------|------------|
| Isolators, Transmitters | | | | | | | | | |
| 2-wire Programmable, Isolated Temperature Transmitter | TX3DR | Universal | 4~20 mA | YES | 14~32 VDC loop supply | 4 digit LED | I, IIA, IIB & IIC | IP 66, FLP | 2" pipe |
| 2-wire Temperature Transmitter | TX1HM | Pt100 | 4~20 mA / 20~4 mA | NO | 6.2~32 VDC loop supply | LED for Power On status | I, IIA & IIB | IP 65, FLP | |
| 2-wire Temperature Transmitter | SCC633 | Universal | 4~20 mA | YES | 10.5~45 VDC | Backlit LCD display | | | |
| 2-wire RH+T Transmitter | SC804 | RH+T sensor | 2 x 4~20 mA | NO | 11.5~32 VDC loop supply | 4 digit LED | I, IIA, IIB & IIC | IP 66, FLP | Surface |
| 2-wire RH+T Transmitter | SC806 | | | | 4.5~32 VDC loop supply | NA | | | Wall, Duct |
| RH+T Transmitter | RHT811 | 2 x 0~10 V | 18~36 VDC / 20~32 VAC | | Dual 4 digit LCD | I, IIA & IIB | Surface, Duct | | |
| DP Transmitter | DPT511 | 2 x 4~20 mA / 0~10 V | | | | | Surface | | |
| 2-wire DP Transmitter | DPT501 | - | 4~20 mA | 12~32 VDC | | | | | |
| RH+T Controller | | | | | | | | | |
| RH+T Onoff Controller | HX96A | Remote sensor | 4~20 mA | YES | 85~265 VAC OR 20~30 VDC | 4 digit LED | I, IIA & IIB | IP 65, FLP | Wall |
| Loop Powered Indicators | | | | | | | | | |
| Loop Powered Indicator | PLD40 | 4~20 mA | - | NA | NA | 4 digit LED | I, IIA, IIB & IIC | IP 66, FLP | 2" pipe |

CHANNEL PRODUCTS



OUR PARTNERS



Pressure



Pressure



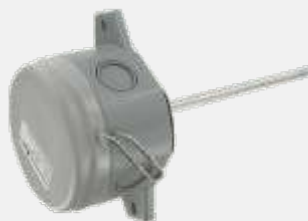
Humidity



Air Velocity



Duct & Immersion Building Automation Temperature Sensors



CO/CO2



**Duct Air Temperature
(Return and Supply)**



**Immersion Temperature
Sensor**



**Room Temperature
Sensor**



**Duct Humidity and
Temperature Sensor**



**Room Humidity and
Temperature Sensor**



Dew Point Sensor



**Outside Humidity and
Temperature**



Pressure



Air velocity



CO/CO₂



**Differential Pressure
Transmitter**



Miscellaneous



TECHNICAL SUPPORT

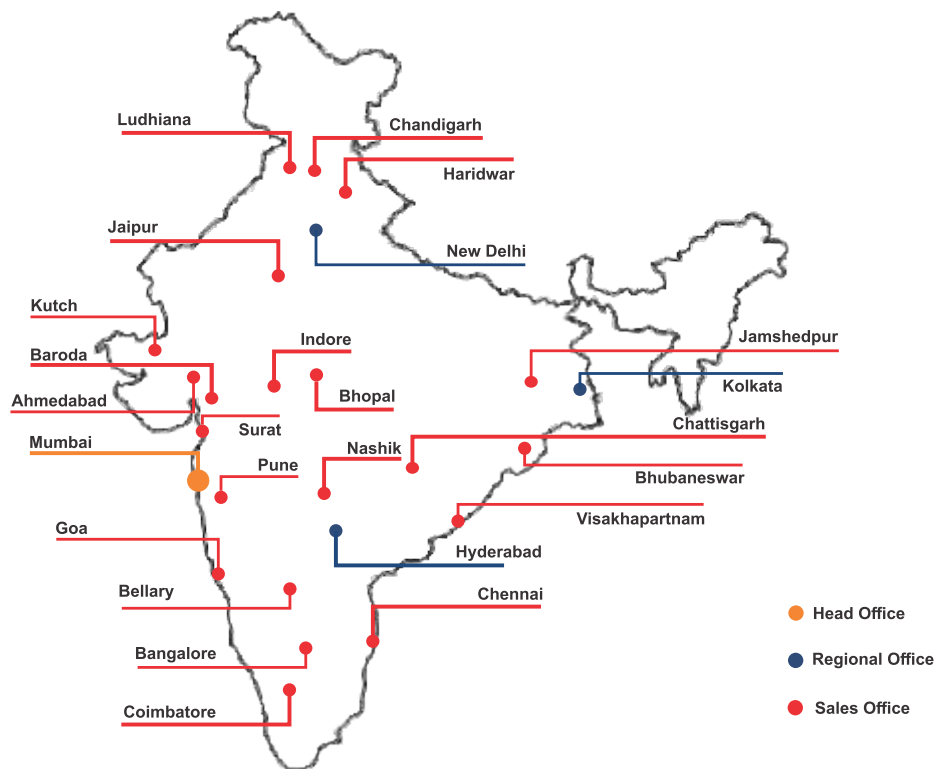


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Our in-house team of 150 process instrumentation engineers is available to help you in selecting the right products for your demanding applications.



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