



**20  
21**

**Be the difference  
that makes the difference**



---

## About Us

ROCK FOR CONTROL is one of the leading manufacturers of high quality process instrumentation. Main factory and headquarters are located in Cairo – Egypt .

From the beginning we have concentrated on different types of high technical process transmitters with different output ranges to cover a high range of measurement technology.

High quality & high flexibility and competent support to customers is our basic working rule .

## Vision

To put Egypt on the map for producing advanced control Instruments and to be the first choice of OEMs and Industry for providing technological solutions .



## WHY US

The key features that make us different from others are :

- Cost effective
- Superior quality
- Timely delivery
- Highly experienced team

## ROCK FOR CONTROL Offer all our customers:

- 18 months warranty coverage:

Our warranty program is a proof of our belief in the quality of our products.

- Timely Technical Support:

Our team of qualified and experienced engineers provide immediate on-site & off-site support service.

- Dedicated Team:

Our team is trying hard to deliver on our brand promise of "on time every time and at all the time."

---



## PRESSURE TRANSMITTERS

### PT-BLOCK

4:20 mA

2-wire pressure transmitter

### MAIN FEATURES

- 4:20 mA , 2-wire pressure transmitter .
- Output signal could be changed to  
0 – 5VDC or  
0 – 10VDC ,  
3-wire pressure transmitter (optional).
- Configurable span
- 2 points calibration
- Gauge or Absolute Pressure
- 300% Overpressure safety limit
- Hygienic process connection
- Turn down 25:1
- IP66 Certified .  
IEC60529 Certified.



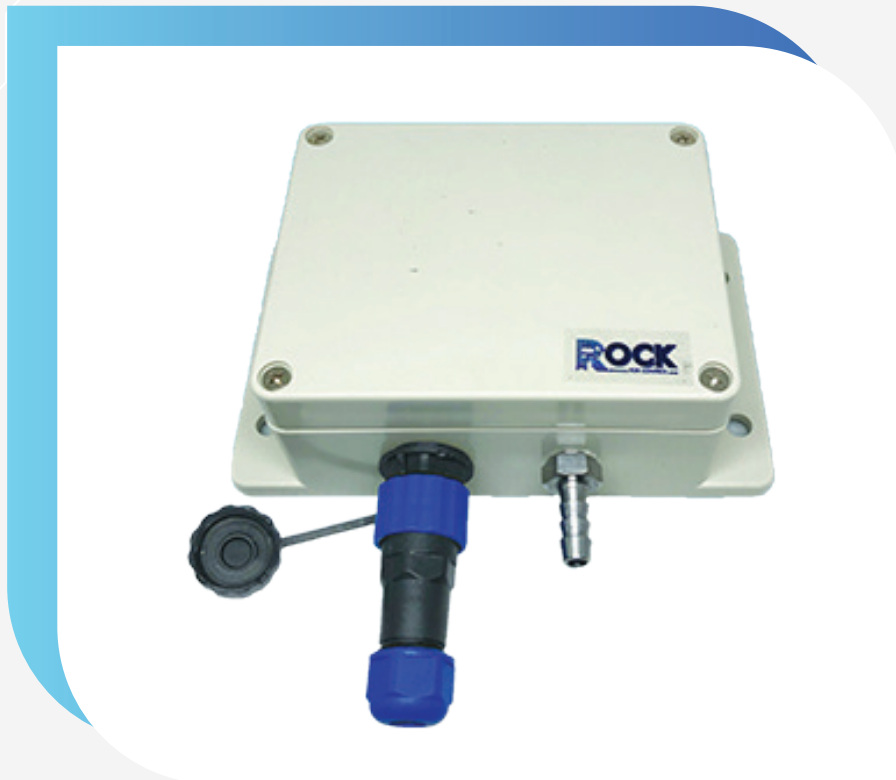
### Various Ranged

- 1Bg , 100mBg , 350mBg , 700mBg , 1BG , 2.5Bg , 4BG , 6Bg , 10Bg ,  
16Bg , 25Bg , 40Bg , 60Bg , 100Bg , 160Bg , 250Bg , 400Bg , 700Bg ,  
1000Bg.

## PRESSURE TRANSMITTERS

### BPT-100

Barometric pressure Indicator / transmitter



## MAIN FEATURES

- Barometric Pressure Transmitter , Range is 300 – 1100 mBarA
- 0 – 10VDC , Output signal (typical) Could be changed to 3 wire 4 – 20 mA.
- Fully calibrated.
- Low power consumption
- Excellent long term stability
- Long life span > 3 years.
- High sensitivity, high resolution
- Excellent linear output



## DIFF. PRESSURE TRANSMITTERS

### DPT-BLOCK

4:20 mA

2-wire Differential pressure transmitter

### MAIN FEATURES

- 4:20 mA , 2-wire Differential pressure transmitter
- 0 – 5VDC , 3-wire Differential Pressure transmitter (typical).  
Could be changed to 0-10VDC if specified.
- Configurable span
- 2 points calibration
- -1(0) ..... 1000 Bar
- Gauge or Absolute Pressure
- 300% Overpressure safety limit
- Hygienic process connection
- Turn down 25:1
- IP66 Certified .
- IEC60529 Certified.

### Ranged

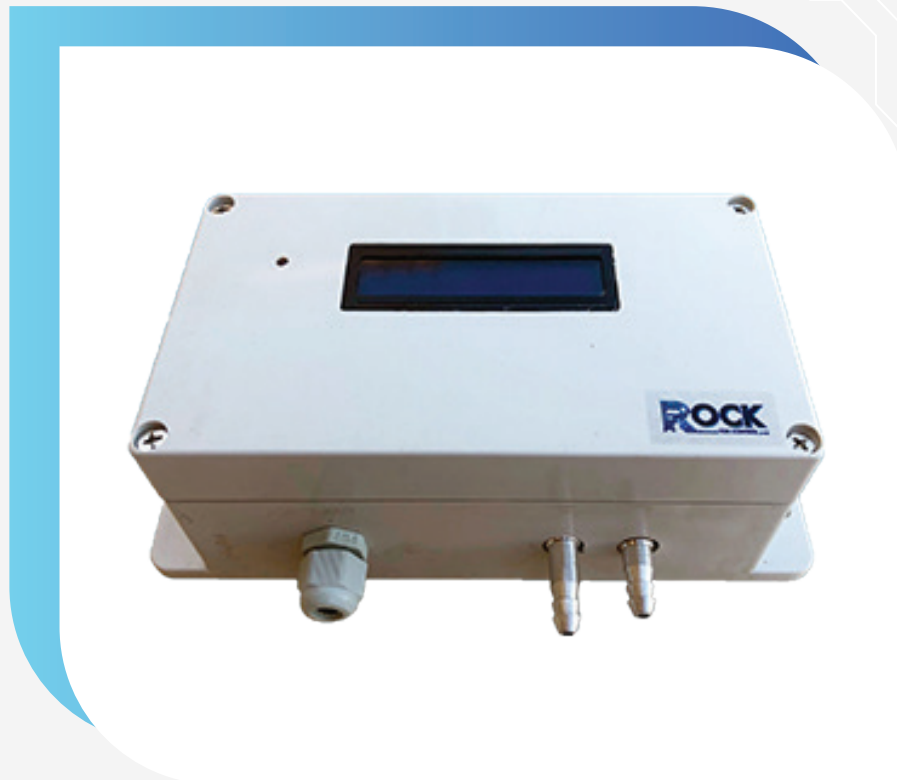
- 350 mBar, 700 mBar, 1 Bar, 2.5 Bar, 4 Bar, 6 Bar, 10 Bar, 16 Bar, 25 Bar



## DIFF. PRESSURE TRANSMITTERS

### DP-100

0 – 100 PA diff. pressure Indicator/transmitter



## MAIN FEATURES

- Indicator Transmitter to measure Differential Pressure.
- Diff. Pressure Range is 0 - 100 Pascal (typical).
- 0 – 10VDC , Output signal (typical). Could be changed to 0-5VDC if specified.
- Low Diff. Pressure Alarm , Dead Band and Offset , to be programmed using two simple Push buttons .
- Fully calibrated.
- Low power consumption
- Excellent long term stability



## TEMPERATURE TRANSMITTERS

### TT-BLOCK

4:20 mA ,  
2-wire temperature transmitter

### MAIN FEATURES

- 4:20 mA , 2-wire pressure transmitter.
- Output signal could be changed to 0–5VDC or 0–10VDC, 3-wire pressure transmitter (optional).
- Configurable span
- 2 points calibration
- Up to 1000 Deg C.
- Hygienic process connection
- Turn down 25:1
- Full St. St. 316 Sensor and transmitter Body.
- IP66 Certified .
- IEC60529 Certified.



## TEMPERATURE TRANSMITTERS

### RTD-BLOCK

4:20 mA , 2-wire temperature transmitter

3 or 4 wires RTD SENSOR



### MAIN FEATURES

- 3 or 4 wires RTD Temperature sensor
- 4:20 mA , loop powered Temperature transmitter
- Configurable span
- Zero Point adjustment
- 2 points calibration
- Up to 1200 Deg C.
- Turn down 25:1



## TEMPERATURE TRANSMITTERS

### TC-BLOCK

4:20 mA , 2-wire temperature transmitter

Thermocouple Temperature Transmitter



### MAIN FEATURES

- 4:20 mA , 2-wire Thermocouple Temperature transmitter
- Type of Thermocouple has to be specifies when order.
- Configurable span
- Zero Point adjustment
- 2 points calibration
- Up to 1200 Deg C.
- Turn down 25:1

## LEVEL TRANSMITTERS

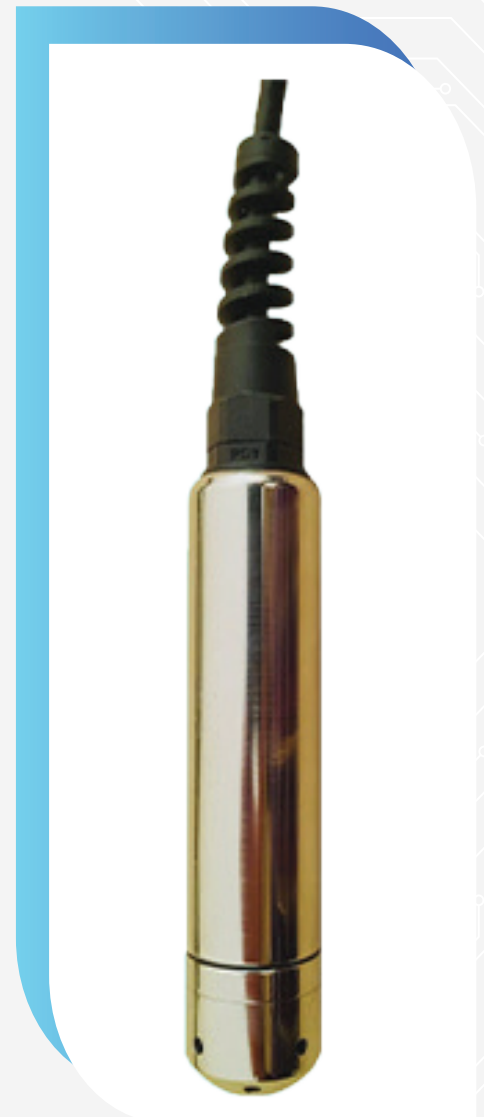
### PT-SUB

4:20 mA

2-wire submersible level transmitter

### MAIN FEATURES

- 4:20 mA , Loop Powered pressure transmitter
- 4:20 mA , Loop Powered Temperature transmitter
- PT100 RTD for Temperature measurement
- Vented Cable for Hydrostatic Depth Measurement
- Sea Water, Oil and Chemical Resistant
- 2 points calibration for Pressure and Temperature measurement
- Gauge Pressure
- 300% Overpressure safety limit
- Hygienic process connection
- 316 St. St. body with 316 St. St. Piezoresistive pressure sensor (Titanium body could be supplied if specified).
- IP68 Certified .
- IEC60529 Certified.



# AMBIENT TEMPERATURE AND RELATIVE HUMIDITY TRANSMITTERS

## MTH-100

Ambient Temperature and  
Relative Humidity transmitter - Probe

### MAIN FEATURES

- Single Transmitter to measure Ambient Temperature and Relative Humidity.
- Ambient Temperature Range is -40 - 60 deg. C (typical).
- RH range 0-100% (typical).  
Temperature Output voltage range -0.4VDC @ -40 deg. C to 0.6VDC @ 60 deg. C .
- RS485 interface using the Modbus RTU command. (Optional).
- RH Output voltage range 0.00VDC @ 0 RH% to 1.0VDC @ 100 RH%.
- Low power consumption
- Excellent long term stability
- PTFE body .



# AMBIENT TEMPERATURE AND RELATIVE HUMIDITY TRANSMITTERS

## MTH-100

Ambient Temperature and Relative Humidity transmitter - Probe

### MAIN FEATURES

- Single Transmitter to measure Ambient Temperature and Relative Humidity.
- Ambient Temperature Range is -40 - 60 deg. C (typical).
- RH range 0-100% (typical).  
Temperature Output voltage range -0.4VDC @ -40 deg.C to 0.6VDC @ 60 deg. C .  
(could be changed to 4 – 20 mA).
- RH Output voltage range 0.00VDC @ 0 RH% to 1.0VDC @ 100 RH%.  
(could be changed to 4 – 20 mA).
- RS485 interface using the Modbus RTU command. (Optional).
- Low power consumption
- Excellent long term stability
- PTFE body .





# AMBIENT TEMPERATURE AND RELATIVE HUMIDITY TRANSMITTERS

## TRH-100

Ambient Temperature and Relative Humidity Indicator transmitter



## MAIN FEATURES

- Single Transmitter to measure Ambient Temperature and Relative Humidity.
- Ambient Temperature Range is 0-100 deg. C (typical).
- RH range 0-100% (typical).
- 2 Output Relays output (Optional).
- 0 – 10VDC , Output signal (typical) for each one of the two parameters.  
Could be changed to 0-5VDC if specified.
- RS485 interface using the Modbus RTU command. (Optional).
- Fully calibrated.
- Low power consumption
- Excellent long term stability

# AIR QUALITY TRANSMITTER

## CCT-100

Intelligent Infrared CO<sub>2</sub> indicator / transmitter



## MAIN FEATURES

- Non-dispersive infrared (NDIR) Co<sub>2</sub> Sensing device
- Co<sub>2</sub> measuring range is 0-5000 PPM (typical) with Temperature compensation. Measuring range Could be changed to 0-10000 ppm if specified.
- Two Output signals 0-5VDC (typical). Could be changed to 4-20 mA if specified
- RS485 interface using the Modbus RTU command. (Optional).
- Fully calibrated.
- Low power consumption
- Excellent long term stability
- Long life span > 5 years.
- High sensitivity, high resolution
- Excellent linear output
- Anti water vapor interference
- No poisoning

# AIR QUALITY TRANSMITTER

## CCT-200

Intelligent Infrared CO<sub>2</sub> , Ambient Temperature  
& Relative Humidity & Dew Point Indicator / Transmitter



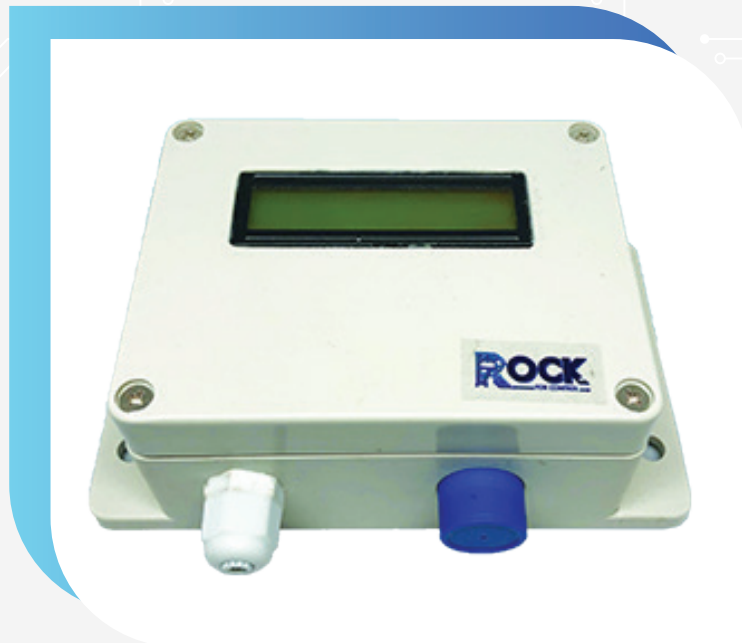
## MAIN FEATURES

- Non-dispersive infrared (NDIR) Co<sub>2</sub> Sensing Indicator / transmitter
- Co<sub>2</sub> measuring range is 0-5000 ppm (typical) with Temperature compensation.  
Measuring range Could be changed to 0-10000 ppm if specified.
- Ambient Temperature Range is 0-100 deg. C (typical) , RH range 0-100% (typical).
- CO<sub>2</sub> , Ambient Temperature , Relative Humidity and Dew Point (calculated)  
Indicator / Transmitter.
- RS485 interface using the Modbus RTU command. (Optional).
- Two Output signals 0-5VDC (typical). Could be changed to 4-20 mA if specified
- Fully calibrated.
- Input power could vary from 9VDC up to 30VDC.
- Low power consumption
- Excellent long-term stability
- Long life span > 5 years.
- High sensitivity, high resolution
- Excellent linear output
- Anti-water vapor interference
- No poisoning

# AIR QUALITY TRANSMITTER

## COT-100

Intelligent CO indicator / transmitter



## MAIN FEATURES

- CO measuring range is 0-700 PPM (typical) with Temperature compensation
- 3 wire 4 – 20 mA Output signals (typical) for 0 – 700 PPM Co concentration.
- Output signal could be changed to 0-10VDC if specified.
- RS485 interface using the Modbus RTU command. (Optional).
- Fully calibrated.
- Excellent ability of Anti-interference
- Low power consumption
- Excellent long term stability
- Long life span > 5 years.
- High sensitivity, high resolution
- Excellent linear output
- Offset programming stored in internal Eprom memory.

## FIELD and PANEL INDICATORS

### IND-BLOCK

4 – 20 mA loop powered indicator



### MAIN FEATURES

- 4 Digit Display.
- 2 wires , no additional power supply required.
- High accuracy and stability. 0.2% of span  $\pm 1$  digit
- Visible in the dark environment.
- Easy to program using 2 push buttons.
- Compact Design.



## FIELD and PANEL INDICATORS

### IND-100

Multi function panel mount indicator



## MAIN FEATURES

- Size : 144x72x175 mm
- Power supply could be 230VAC (Terminals 1 & 2) or 24VDC (Terminals 3 & 4)
- Freely-selectable input: 4 ... 20 mA , 0 - 5 VDC or 0 - 10 VDC
- Built in transmitter power supply 24 VDC.
- Easy to configure.
- 2 freely-programmable Alarm Relay outputs
- 4-key membrane keyboard

## DATA LOGGERS

### T-RH-P Logger

Ambient Temperature , Relative Humidity & barometric Pressure Indicator / transmitter & Logger



## MAIN FEATURES

- Single Transmitter to measure, Indicate Ambient Temperature, Relative Humidity and Barometric Pressure.
- Time Based Data Logger for the three Input parameters
- Ambient Temperature Range is 0-50 deg. C (typical).
- RH range 20-100% (typical).
- Barometric Pressure Range is 300 – 1100 mBarA.
- 0 – 5VDC , Output signal (typical) for each one of the three parameters. Could be changed to 0-10VDC if specified.
- Fully calibrated.

# WE ARE

One of the pioneers in Egypt to  
manufacture different types of Instrumentations

# WE OFFER

Top notch transmitter you can depend on.

# WE SERVE

Professional and industrial needs.

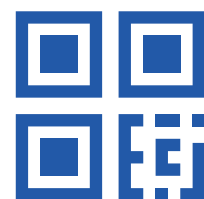


20  
21

**PROUDLY MADE  
IN EGYPT.**

**GET IN  
TOUCH!**

5 Adnan El Rawi Streat - Ard El Golf  
Naser City - Cairo - Egypt



+20-122 3179182  
+20-2-24184960