

# Measuring Specialist

## Differential Pressure / Pressure / Level series



Calibration lab ( ISO / IEC 17025 )  
Factory automatic QC inspection system ( IEC 61298 / ISO 9001 )



# eYc Brand Concept

## Sustainable

With the light, air and water, the earth is being nourished and operate in a sustainable and prosperous way, E icon brings about the same image! The “ water drop “ inside the eYc logo represents the innovative thinking like a gush of living water, which is also our pursuit!.

## Green

To be a Green corporate is our vision for the society. Green stands for energy-saving, environmental-protection, passing-on and power of life! We start from Taiwan and then move forward to the world over, with this vision, to develop innovative products and service so that we create our core competency along with the utmost value for our customers and the society.

## Professional

Our core concept is to develop a variety of products of high precision, quality, and stability. Applications coverage include HVAC, pharmaceutical industry, green house, environmental engineering, food, hospital, agriculture, heavy industry and the like, high-precision measurement for temperature, humidity, air Velocity, air Volume, pressure, flow in production procedure, monitoring on air quality transmission and performance of control panel.





## YUDEN-TECH CO.,LTD. Calibration Laboratory

International Laboratory Accreditation Cooperation ; ILAC  
TAF ( ISO / IEC 17025 ) Accreditation No.3032

YUDEN-TECH CO.,LTD.(eYc brand) is from TAIWAN TAIPEI. In 2013, YUDEN-TECH CO.,LTD. and the Measurement Center of Industrial Technology Research Institute jointly established a calibration laboratory. The calibration laboratory of YUDEN-TECH CO.,LTD has the TAF (ISO/IEC 17025) certification (certification number: 3032) of the professional calibration laboratory for temperature and humidity, dew point, air velocity, flow, and pressure.

The National Accreditation Foundations (TAF) a certification body, accredited by the International Laboratory Accreditation Alliance (ILAC), has signed an inspection mutual recognition agreement with ILAC. It provides accurate calibration services through TAF on behalf of Internationally recognized grade standards and can be traced back to the SI unit. Our calibration laboratory has the measurement uncertainty evaluation report and calibration procedures for each system. We believe that after our service will help our clients to maintain the best quality and stability of your sensor and instrumentation standards.



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## Differential Pressure

# PHD330

## Industrial Differential Pressure Transmitter

- Input: Piezoelectric differential pressure module
- Measuring range:  $\pm 300 \dots \pm 10000$  pa
- Output: 4 ... 20 mA / 0 ... 10 V
- Accuracy:  $\pm 2.0\%$  F.S.
- RS-485 communication interface(Optional), Modbus RTU protocol
- Physical unit switch(User Interface): mbar / Pa / hPa / kPa / mmH<sub>2</sub>O / mmWS / inH<sub>2</sub>O / mmHg
- Square root function

# PMD330

Differential  
Pressure

Differential Pressure Transmitter(Indoor)



- Input: Piezoelectric differential pressure module
- Measuring range:  $\pm 50 \dots \pm 10000$  pa
- Output: 4 ... 20 mA / 0 ... 10 V
- Accuracy:  $\pm 2.0\%$  F.S
- Silicon chips on differential pressure module of MEMS integration technology
- Low-pressure monitoring, high pressure resistance
- Physical unit switch (User Interface): mbar / Pa / hPa / kPa / mmH<sub>2</sub>O / mmWS / inH<sub>2</sub>O / mmHg

 Measuring Specialist



## Differential Pressure

# P063

## Differential Pressure Transmitter

- Sensor type: Piezoresistive Diaphragm
- Measuring range: 0 ... 20 bar
- Output: 4 ... 20 mA
- Accuracy:  $\pm 0.5\%$  of F.S.
- 316L isolated diaphragm
- Welding and full-sealed construction, full stainless housing, compact size, easy installation
- Well overload capacity and shock resistance, nicer long-term stability with reasonable price

# P041

## Pressure Transmitter

# Pressure



- Sensor type: Piezoresistive diaphragm
- Measuring range: Relative pressure 10 bar
- Output: 4 ... 20 mA
- Linear accuracy:  $\pm 0.3\%$  of F.S.
- Housing SUS304 outer, compact and rugged design and easy to install
- High accuracy and stability in a long-run





**Level**

# L051

## Submersible Pressure Transmitter

- Sensor type: Piezoresistive diaphragm
- Measuring range: 0 ... 10 bar
- Output: 4 ... 20 mA
- Accuracy:  $\pm 0.5\%$  F.S.
- Housing SS316 outer, diameter 27  $\varnothing$
- Compact and rugged design and easy to install
- High accuracy and good stability in a long-run

$$F(\varphi) = f \times \sin\varphi = -2mv\omega\sin\varphi$$



## Your Measuring Specialist Total Solution Provider

### Product

Innovative design  
High-performance R&D team  
Core patent

### Laboratory

ILAC / IEC17025  
Professional calibration technique  
High grade equipment

### Production

International certification  
Strict quality checks  
Automatic production  
Customization

### Service

Great solution  
Quick delivery  
After-sales service

YUDEN-TECH CO.,LTD.

🌐 [www.eyc-tech.com](http://www.eyc-tech.com)

☎ +886-2-8221-2958

✉ [info@eyc-tech.com](mailto:info@eyc-tech.com)