

# UDA2182 Series



GET MORE VALUE AND PERFORMANCE  
FROM HONEYWELL

**The Most Versatile  
Multiple-Input Analyzer**

**Honeywell**

# UDA2182 Series

## The High Performance Single or Dual Loop Analyzer

The UDA2182 Series is a versatile dual-input analyzer that measures pH/ORP, Contacting Conductivity and Dissolved Oxygen. The "mix & match" design enables easy field-modification of inputs for a wide range of applications.

Designed for global application, the UDA2182 offers multi-language prompts, CE mark and CSA approvals and worldwide Honeywell support.

With UDA2182 you will achieve precise monitoring and control of measurements in tough industrial applications.

Honeywell quality assures years of trouble free operation. The UDA2182 builds on the legacy of Honeywell's field-proven 7082, 9782, and 7020 analyzers. Its common form factor, fit and function provides for quick and easy retrofit of existing panels and installations.

**Easy to install, easy to configure, easy to operate, easy to own.**

- Simple and intuitive menu-driven software makes analyzer setup fast and easy.
- Wireless infrared communication port enables quick analyzer setup from a Pocket-PC.
- Multiple instrument configurations can be easily stored, modified and retrieved using Process Instrument Explorer (PIE) software.
- NEMA 4X/IP66 packaging allows the analyzer to be used in moisture, dust, or hose-down applications.
- Graphic backlit LCD display provides the complete operational status at a glance.
- Up to (3) analog outputs and (4) relays for monitoring or control.
- High accuracy process measurements.

**High Performance In Demanding Applications**

- Power Generation
- Water Treatment
- Food & Beverage
- Pharmaceutical
- Chemical



UDA Display examples



Infrared PC and Pocket PC configuration using Honeywell PIE software

## Mix & Match Inputs for Greater Flexibility and Reduced Inventory

### pH/ORP

Accepts a variety of sensors including non-glass Durafet and traditional glass Meredian electrodes, ORP combination electrodes and the HPW7000 high purity system.

Features:

- Auto buffer calibration
- High purity water solution temperature compensation
- Fast update rate
- Probe maintenance diagnostics

### Conductivity

Accepts signals from Honeywell's standard selection of contacting conductivity cells.

Features:

- Temperature compensation curves
- Calculation of % Rejection/Passage
- Difference of two cells
- Conversions to ppm, ppb, or ppt Total Dissolved Solids (TDS)
- USP 26 alarm capability
- Concentration measurement of acids and bases

### Dissolved Oxygen

Accepts input from Honeywell's unique equilibrium probe which reduces maintenance and is not dependent on flow conditions.

Features:

- ppm or ppb measurement
- Automatic or manual calibration
- Display and re-transmission of process temperature
- atmospheric pressure compensation

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### Warranty/Remedy

Honeywell warrants goods of its manufacture as being free of defective materials and faulty workmanship. Contact your local sales office for warranty information. If warranted goods are returned to Honeywell during the period of coverage, Honeywell will repair or replace without charge those items it finds defective. The foregoing is Buyer's sole remedy and is in lieu of all other warranties, expressed or implied, including those of merchantability and fitness for a particular purpose. The information we supply is believed to be accurate and reliable as of this printing, however we assume no responsibility for its use. While we provide application assistance personally, through our literature and the Honeywell web site, it is up to the customer to determine the suitability of the product in the application.

Specifications are subject to change without notice.

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