

# INSTRUMENTS FOR QUALITY MONITORING



## ADSENSORS 980 A SERIES INSTRUMENTS for pH, ORP, CONDUCTIVITY, TDS, DO and TURBIDITY

980A Series instruments are available for measurement of pH, conductivity, DO, TDS, ORP and Turbidity. A wide variety of sensor and sensor mounts are available for varied applications. Ideally suited for Treatment plants, RO plants and a wide range of other industries. These instruments are available with 1 or 2 control outputs and isolated or un isolated 4-20 mA current output.

### SALIENT FEATURES

- Different ranges to suit application
- Isolated current output (4-20mA)
- Panel mountable in standard DIN size
- Two set points with high and low options
- Optional explosion proof versions
- Fully Tropicalised electronics
- Temperature compensation
- Choice of sensor mount to suit application
- Choice of material for sensor mounts

### SPECIFICATIONS

	980 AP/ AP1 AP2 / API	980 AC/ AC1 AC2 / ACI	980 AT/ AT1 AT2 / ATI	980 AO/ AO1 AO2 / AOI	980 AN
Range	0 - 14 pH	0 - 10 to 0 - 100000 $\mu$ S	0 - 10 to 0-100000 ppm	-1000 mV to +1000 mV	0 - 500 NTU,* 0 - 5000 NTU
Accuracy	+/- 0.25%	+/- 0.5%	+/- 0.5%	+/- 0.25%	+/- 3%
Resolution	+/- 0.01 pH	Range Dependent	Range Dependent	1 mV	Range Dependent
Display	3½ digit LED 0.5"	3½ digit LED 0.5"	3½ digit LED 0.5"	3½ digit LED 0.5"	3½ digit LED 0.5"
Temperature Compensation	Provided up to 100° C	Provided up to 100° C	Provided up to 100° C	—	—
Zero Adjustment	+/- 20%	+/- 20%	+/- 20%	+/- 20%	+/- 20%
Span Adjustment	+/- 20%	+/- 20%	+/- 20%	+/- 20%	+/- 20%
Ambient temp	55° C	55° C	55° C	55° C	55° C
Mounting	Panel	Panel	Panel	Panel	Panel
Size	96x96x150mm	96x96x150mm	96x96x150mm	96x96x150mm	96x96x150mm
Power Supply	230V 50 Hz,	230V 50 Hz,	230V 50 Hz,	230V 50 Hz,	230V 50 Hz,

\* Consult factory for other range

- Ax1 - with one alarm output
- Ax2 - with two alarm output
- AxI - with current output
- AxI\* - with isolated current output

#### Other Products:

- Field mounted 2 wire / 4 wire pH / ORP and Conductivity Transmitters
- Wall mounted / Pipe line mounted Indicator / Controller / Transmitter for pH / ORP and Conductivity
- Micro controller based Indicator / Transmitter / Controller for pH / ORP / TDS / Turbidity and conductivity
- Matching Sensor assemblies for pH, ORP and Conductivity
- DO Indicator / Controller and Transmitter
- Ground Water pH / TDS and Conductivity Detector
- Laboratory Instruments for pH / ORP / Turbidity, Conductivity and TDS

#### Mount Range



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