



D I G I T A L I N S T R U M E N T S



DIN DIGITAL SERIES

DIN DIGITAL PH * DIN DIGITAL RH * DIN DIGITAL CD * DIN DIGITAL CL * DIN DIGITAL O₃ * DIN DIGITAL O₂

The DIN Digital Series are compact, versatile and user-friendly **DIN bar mounting** instruments to control and measure **pH, Redox (ORP), Chlorine, Conductivity, Ozone** and **Dissolved Oxygen**.

They provide **reliable** and **accurate** measurements using a digital keyboard and LCD backlight display.



The fields of applications are numerous:

- waste water treatment
- drinking water
- cooling towers
- boilers
- chemical industry
- swimming pools
- process industry
- pharmaceutical industry
- agriculture

... and many more.

A.T.A. offers a wide range of electrodes to match technical requirements of different applications.

M O D E L S

DIN DIGITAL PH

Din mounting pH controller with digital display. Set to host proximity switch SEPR.

DIN DIGITAL RH

Din mounting Redox (ORP) controller with digital display. Set to host proximity switch SEPR.

DIN DIGITAL CD

Din mounting Conductivity controller with digital display. Set to host proximity switch SEPR.

DIN DIGITAL CL

Din mounting Chlorine controller with digital display. Set to host proximity switch SEPR.

DIN DIGITAL O₃

Din mounting Ozone controller with digital display. Set to host proximity switch SEPR.

DIN DIGITAL O₂

Din mounting Dissolved Oxygen controller with digital display. Set to host proximity switch SEPR.

TECHNICAL DATA of ALL MODELS

Functions	DIN DIGITAL PH	DIN DIGITAL RH	DIN DIGITAL CD	DIN DIGITAL CL	DIN DIGITAL O ₃	DIN DIGITAL O ₂
Range	0 ÷ 14.00 pH	0 ÷ 1000 mV	0 ÷ 1999 µS* 0 ÷ 199.9 µS*	0 ÷ 10.00 mg/l Cl ₂	0 ÷ 1.99 mg/l O ₃	0 ÷ 60 mg/l O ₂
Resolution	± 0.01 pH	± 1 mV	± 0.1 µS ± 1 µS	± 0.01 mg/l Cl ₂	± 0.01 mg/l O ₃	± 0.1 mg/l O ₂
Display	LCD Backlight					
Controls	Digital					
Calibration	Manual with buffer solution					
Environment Working Temperature	0°C to 50°C - 0% to 95% (non condensing) relative humidity					
Two Set Points	On/Off or Proportional with On/Off modulation					
Hysteresis	Adjustable					
Relay Output	Voltage Free Contact; 5A/230VAC Resistive					
Input Impedance	> 10 ¹² Ohm	> 10 ¹² Ohm	--			
Max Resistive Load	5A - 230VAC					
Power Supply	24, 115, 230VAC *; 50/60 Hz					
Power Consumption	Average 4W					
Fuse Protection	Instrument fuse protections					
Galvanic Isolation	YES					
Casing Material	ABS - IP40 box					
Mounting	DIN BAR (6 modules)					
Dimensions	105 x 90 x 60 mm					
Net Weight	Kg 0,5					
Temperature Compensation	Automatic with probe	NO	Automatic with probe	NO	NO	YES
Current Output	0÷20mA programmable (Max 350 Ohm)					

* Specify when ordering

CONTROL PANEL

