

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*

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.

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

For Additional Information Contact:

Fred C. Gilbert Company
106 Norris Road
Bakersfield, Ca. 93308 USA
Telephone (661) 399-9569
Fax (661) 393-9654

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 μ S* 0 ÷ 199.9 μ S* | 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 μ S ± 1 μ S | ± 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



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SINCERT



Azienda Certificata
 UNI EN ISO 9001:1994

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