



PROCESS REDOX ANALYZER APE113-RX

OUR PRODUCTS

MEASURE

Flow
Level
Pressure
Temperature
Density
Displacement
Rotation
Energy
Voltage
Current
and others...

ANALYZERS

Measure and Control

PH
Redox
Conductivity
Chlorine
Turbidity
Opacity
Oxygen
and others...

AUTOMATIC

VALVES
SLUICE GATE
GATE VALVES
Control and
on-off Type

-
VALVE
CONTROLLER
Static (Triac)
with Auto/Man

AUTOMATIONS

PLC-PCS
Data-logger
Controller
Control
panel

-
SOFTWARE
ISI-S.C.A.D.A

COSTUMIZED
ENGINEERING
Instrumentation
control



APE113-RX/C
FILED VERSION



APE113-RX/Q
RACK VERSION



APE152
CELL (PIREX-INOX)



APE-RX
PROBE

ANALYZER : MODEL APE113 RX
 Version : industrial HI-TECH
 Mounting : field or front panel
 Casing : in plastic material (field version) ; aluminium rack size (control panel version)
 Measurement range : -1.500 ÷ 1.500 mV (others on request)
 Full scale : programmable by keyboard
 Keyboard : 16 keys, antidust, multicolor with access keyword
 Visualization : alphanumeric, programmable on LCD (2 rows x 16 characters) - Italian / English
 Input signal : from redox probe
 DC Output : 4 ÷ 20 mA galvanically insulated active (max 600 Ω);
 4 ÷ 20 mA galvanically insulated passive (10 ÷ 30 Vdc)
 Digital outputs : N° 4 with N.O. contact (max 50 V – 0.2A) programmable by keyboard as alarms
 Damping : programmable by keyboard
 Accuracy : ±1 % F.S.
 Auto-test : with failure alarm on LCD
 Connections : by terminal block and PG11/PG13,5 fittings cable
 Electrical protection : line filter, fuses, varistors on power supply (CE)
 Mech. Protection : IP65 (field) ; IP55 (rack) (CEI EN 60529)
 Anti-condensate : built-in
 Auto-cleaning control : built-in
 Humidity : 4 ÷ 95 % non condensing
 Ambient temp. : -10 ÷ 50 °C (-20 ÷ 60 °C)
 Power supply : std 220/110 Vac ± 10 % (3W) ; others on request
 Dimensions : W240 H210 D110 mm (field version); W213 H128 D200 mm (panel version)
Quality Parameters : Burn-in 120 hours - MTBF 100K hours

Optionals : serial output RS232 or 485 for data transmission to supervision / programming
 : N°2 digital outputs with N.O. contact (5A-110Vac/dc);
 : built-in PID or ON-OFF controller;

REDOX PROBE APE-RX

Measure range : -1.500 ÷ 1.500 mV (others on request)
 Sensivity : 1mV
 Press/Temperature : 0,1 bar - 5 ÷ 80 °C
 Protection : IP65 (CEI EN 60529)
 Body : Glass/Plastic D.12mm L.120 mm
 Cable : L. 5 m

Datasheet Bull.	224-RX
Last Update	March 2014
Versione italiana	
English version	X

Quality Parameters : Burn-in 120 hours - MTBF 10K hours