CONDUCTIVITY METER CM-230

Performance features

CM-230 series intelligent on-line conductivity meter.
It has keyboard setting electrode constant , high limit alarm, transferable 4-20mA current signal output, checking the media temperature, µS/cm and ppm (TDS)conversion through the switching keys, automatic range conversion, three types of constant to be chosen: 0.1$cm^{-1,}$ 1.0 $cm^{-1,}$ 10.0 cm^{-1} larger measurement range.
It has ultra steady measurement collecting, large temperature range, low excursion design, can switch conductivity/ temperature/TDS under the measurement condition, can give an alarm when the water quality is over standard, high brightness back-light LCD display.
It is used for on-line monitoring and controlling of reverse osmosis , electrodialysis, ion exchange producing water system, cooling water control system and industrial water..

Model and performance function

FUNTION ►	NON ISOLATED 4 – 20 mA OUTPUT SIGNAL	AUTOMATIC MEASUREMENT RANGE	HI-LIMITED ALARM SETTING	UNITS OF THE MEASUREMENT	ELECTRODE CONSTANT
CM-230A	●	●		●	●
CM-230C		●	●	●	●

Main technical specification:

Measurement range:

Conductivity: 0 – 19.99 0 - 199.9μS/cm (with 0.1cm^{-1} electrode)

0 - 19.99 0 -199.9 0 -1999μS/cm (with 1.0 cm^{-1}electrode)

0 -199.9μS/cm 0 – 1999μS/cm 0 -19.99mS/cm (with 10cm^{-1}electrode)

Temperature: 0-50℃

Auxiliary electrode: 1.0cm^{-1} plastic platinum gold electrode, 1/2″ NPT (1/2 inch) pipe screw connection.
1.0cm^{-1} stainless steel electrode, 1/2″ NPT (1/2 inch) pipe screw connection.
10.0 cm^{-1} Graphite + PC electrode, 1/2″ NPT (1/2 inch) pipe screw connection.

The length of the cable: 5m as ex work standard figure or according to the user's specification.
Medium pressure: 0 – 0.5MPa.
Medium temperature: 0 – 50℃.
Component of temperature compensation: NTC.
Display mode: conductivity:3.5-bits LCD Digit display, temperature: 3- bits Digit display.
Accuracy: 1.5% (FS)
Stability: ±2×10^{-3}(FS) / 24h.
Temperature compensation: Digit calculating compensation, with 25℃ as the reference temperature.
Output signal : non- isolated, transferable 4 -20mAcurrent.
Maximum load impedance :300Ω Max@ DC 9V .
Relay load capacity: AC 230V/5A Max (without electromagnetic induction).
Output control model: ON/OFF two contacts relay output;
Power supply : AC 220V±10%, 50Hz.
Power consumption: 2W
Environment conditions: Temperature; 0-50℃, Humidity: ≤85%RH.
Outline dimension: 48×96×100mm(height × width ×depth)
Slot dimension for installation: 45×91mm(height×width)
Installation : Jam-in

CONDUCTIVITY CELL: DCG1121

DCG-1121

Purpose:

The measurement of the conductivity of the weak electrolyte such as industrial water, cooling water, pure water, high-purity water, ultra pure water etc..

Characteristic: Healthy 316L stainless steel, anticorrosion , long-life

Specification: electrode constant:1.0 , 0.1 cm^{-1}

Performance: Electrode type: two combination electrode. Electrode material: 316L stainless steel
Component for temperature compensation: NTC 10KΩ .
Mechanical connection: 1/2" NPT (ABS swift installation joint)
Sustained pressure: 0.5 MPa
Medium temperature: 0 - 50°
Mode of drawing wire: draw the wire out directly
Length of the wire cable: ex work standard 5 m , or according to the user's order

CONDUCTIVITY CELL: DCS1121

DCS-1121

Purpose:
The measurement of the conductivity of the weak electrolyte such as industrial water, cooling water, tap water, pure water etc.
Characteristic:
ABS swift installation, screw style, directly installed in tube□or the lateral of the water tank.
Specification:
Electrode constant : 1.0 cm^{-1}
Performance:
Electrode type: two combination electrode
Electrode material: engineering plastic bracket ,stainless steel liner plated with platinum black.
Component for temperature compensation: NTC 10KΩ
Mechanical connection: ½ "NPT (ABS swift installation joint)
Sustained pressure: 0.5 MPa
Medium temperature: 0~50°
Mode of drawing wire: draw the wire out directly
Length of the wire cable: ex work standard 5 m ,or according to the user's order.

CONDUCTIVITY CELL: CON2136-13

CON2136-13 :

$10.0cm^{-1}$ Plumbaginous Conductivity Sensor

Usage

Used for the conductivity measurement of polluted water and high salinity water.

Order directory

Model	material	installation type	temperature component	electrode constant	maximum temperature	maxiumu pressure
CON2136-13	graphite +PC	1/2" NPT	NTC 10KΩ	10.0 cm^{-1}	50℃	0.5MPa