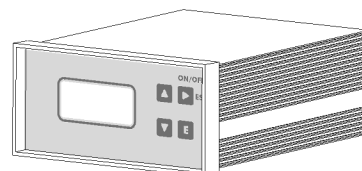


FEATURES

- Backlight LCD display
- Two on/off outputs
- Programmable delay at startup for probe polarization
- Programmable 0÷20mA output
- Stand-by for no flow interlock
- Permanent data recording
- Error management system
- Easy user interface with navi-keys system
- Password protected settings

Microprocessor based Conductivity controller for panel rail mounting with two programmable outputs.



CONFIGURATION INFO

Model JCDDIG 0 0 00 1 3 5 S 0

SCALE	
F	19.99 μ S
V	199.9 μ S
Q	1999 μ S
W	19.99 mS
4	199.9 mS

ELECTRICAL

SIGNAL INPUT

With block connection

ON/OFF OUTPUT

Free voltage contact

POWER SUPPLY

24, 115, 230 VAC; 50/60 Hz

CURRENT OUTPUT

Programmable 0/4÷20mA (max 350 Ohm) galvanic isolated

POWER CONSUMPTION

Average 4 W

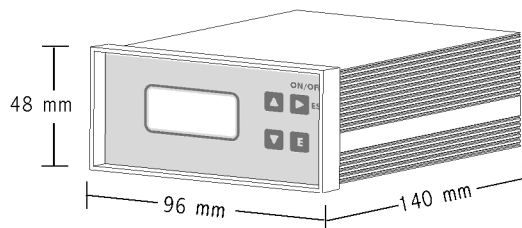
INPUT

1 Flow sensor

"J DIGITAL CD" series CONTROL INSTRUMENTS

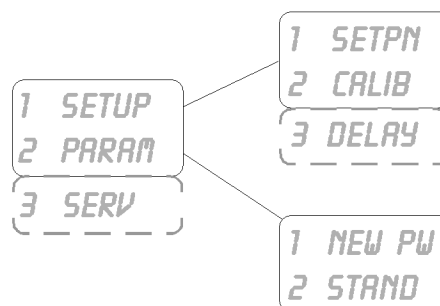
Data Sheet

DIMENSION



Mounting hole size: 91x45 mm

"EASY-NAV" MENU



ENCLOSURE

IP40 enclosure

ENVIRONMENT

0°C ÷ 50°C (32°F ÷ 122°F)

0÷95% (non condensing) relative humidity

CONDUCTIVITY PROBES

	ECDHL/01	ECDHL/1	ECDHL/10	ECDC/1	ECDC/10	ECDI/01	ECDI/02
Measuring Range	0÷200 µS	0,2÷20 mS	20÷200 mS	0÷20 mS	20÷200 mS	0÷200 µS	0÷500 µS
Resolution	0,1	0,01	0,1	0,01	0,1	0,1	1
K Factor	0,1	1	10	1	10	0,1	0,2
Max Pressure/ Temperature	7bar/70 °C	7bar/70 °C	7bar/70 °C	7bar/60 °C (0bar/120°C)	7bar/60 °C (2bar/120°C)	7bar/60 °C (0bar/120°C)	7bar/60 °C (0bar/120°C)
Body	Epoxy	Epoxy	Epoxy	PVDF	PVDF	PVDF	PVDF
Electrodes	Platinum	Platinum	Platinum	Graphite	Graphite	Stainless steel	Stainless steel
Diameter	12 mm	12 mm	12 mm	3/4"	3/4" - 1/2"	3/4"	3/4"
Probe Length	170 mm	170 mm	170 mm	90	90	80	80
Electrical Connection	3 wires	3 wires	3 wires	5 wires	3 wires	3 wires	3 wires
Cable Length	4.5 m	4.5 m	4.5 m	4 m	4 m	4.5 m	4.5 m
Equivalent with temp. compensation	ECDHLC/1	ECDHLC/10	ECDHLC/01	ECDCC/1	ECDCC/10	ECDIC/01	ECDIC/02

	ECDI/1	EICDC/001	EICDC/01	EICDC/1	ECDHTP/01	ECDHTP/1
Measuring Range	0÷5 mS	0÷20 µS	0÷200 µS	0÷5 mS	0÷200 µS	0÷5 mS
Resolution	0,01	0,01	0,1	0,01	0,1	0,01
K Factor	1	0,01	0,1	1	0,1	1
Max Pressure/ Temperature	7bar/60 °C (0bar/120°C)	15bar/130 °C	15bar/130 °C	15bar/130 °C	15bar/200 °C	15bar/200 °C
Body	PVDF	INOX	INOX	INOX	INOX	INOX
Electrodes	Stainless steel	INOX	INOX	INOX	INOX	INOX
Diameter	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Probe Length	62	70	70	70	70	70
Electrical Connection	3 wires	5 wires	5 wires	5 wires	5 wires	5 wires
Cable Length	4.5 m	4 m	4 m	4 m	4,5 m	4,5 m
Equivalent with temp. compensation	ECDIC/1	Embedded	Embedded	Embedded	Embedded	Embedded



ISO 9001 certified

Via Donatori di sangue, 1 - 02100 Vazia (RI) - Italy
Tel. +39 0746 2284 1 - Fax +39 0746 2284 2 - <http://www.emec.it>

Specifications subject to change without notice.
ENG R2-01-07