



DOG-2082X Industrial Dissolved Oxygen Meter

Instruments are used in effluent treatment, pure water, boiler water, surface water, electroplate, electron, chemical industry, pharmacy, food production process, environmental monitoring, brewery, fermentation etc.

Technical Index

Measuring range	0.0 to 200.0	0.00 to 20.00ppm, 0.0 to 200.0 ppb
Resolution	0.1	0.01 / 0.1
Accuracy	±0.2	±0.02
Temp. compensation	Pt 1000/NTC22K	
Temp. range	-10.0 to +130.0°C	
Temp. compensation range	-10.0 to +130.0°C	
Temp. resolution	0.1°C	
Temp. accuracy	±0.2°C	
Current range of electrode	-2.0 to +400 nA	
Accuracy of electrode current	±0.005nA	
Polarization	-0.675V	
Pressure range	500 to 9999 mBar	
Salinity range	0.00 to 50.00 ppt	
Ambient temperature range	0 to +70°C	
Storage temp.	-20 to +70°C	
Display	Back light, dot matrix	
DO current output1	Isolated, 4 to 20mA output , max. load 500Ω	
Temp. current output 2	Isolated, 4 to 20mA output , max. load 500Ω	
Current output accuracy	±0.05 mA	
RS485	Mod bus RTU protocol	
Baud rate	9600/19200/38400	
Maximum relay contacts capacity	5A/250VAC,5A/30VDC	
Cleaning setting	ON: 1 to 1000 seconds, OFF: 0.1 to 1000.0 hours	
One multi function relay	clean/period alarm/error alarm	
Relay delay	0-120 seconds	
Data logging capacity	500,000	
Language selection	English/traditional Chinese/simplified Chinese	
Waterproof grade	IP65	
Power supply	From 90 to 260 VAC, power consumption < 5 watts	
Installation	panel/wall/pipe installation	

