

ONLINE TOTAL SUSPENDED SOLIDS SENSOR

The sensor adopts 135 ° back light principle, 880nm infrared LED light source and unique adaptive software algorithm, which can effectively remove the interference of external light.

Optical fiber structure, with excellent repeatability and stability. With the help of the automatic cleaning brush, the bubble can be eliminated, the influence of contamination on the measurement can be reduced, the maintenance cycle is longer, and the long-term online use can also maintain excellent stability.



Features

- Digital sensor, RS-485 output, support MODBUS
- With automatic cleaning brush to prevent contamination and eliminate air bubbles
- Compensate for water color to eliminate interference with color measurement
- Fiber-optic structure, independent of ambient light

Technical parameter

SPECIFICATIONS	AIDSS450	AIDSS451
POWER	12VDC < 50mA	12VDC < 50mA
MEASURING RANGE	0.5~5000mg/l	0.5~5000mg/l
RESOLUTION	0.1 mg/l	0.1 mg/l
RESPONSE TIME	4 SEC	4 SEC
ACCURACY	<3%	<3%
PROTECTION LEVEL	IP68	IP68
OPTICAL WINDOW	OPTICAL FIBER	OPTICAL FIBER
OPERATING TEMPERATURE	0~50'C	0~50'C
CABLE LENGTH IN METERS	5	5
SELF CLEANING SYSTEM	NO	YES



AIDSS22

SPECIFICATIONS	AIDSS22
POWER	90~265VAC
DISPLAY	LCD
CONTROL OUTPUT	2 NOS RELAY
RELAY RATING	5A, 1 NO
ANALOG OUTPUT	4~20mA
ENCLOUSER	ABS/ ALUMINUM
OPERATING TEMPERATURE	- 10'C ~50'C



ARANKA



CE -2209

ISO 9001:2015
COMPANY



ARANKA INSTRUMENTS LLP

FACTORY :
50, NILKANTH INDUSTRIAL PARK,
AMBIKA TUBE COMPOUND,
NEAR OVER BRIDGE VATVA, GIDC,
Vatva, Ahmedabad - 382445.

Web : www.arankainstruments.com
e-mail : utkarsh@arankainstruments.com, contact@arankainstruments.com
Cont. : (F) 09909035088, +91 93288 88879