

FREHNIG

TDS Transmitter



Transmitter

ONLINE ANALATYTICAL

Specially designed for
online monitoring
applications

INLINE SENSOR FITTING



Online readings

Inline fitting

HIGH RESOLUTION

RS-485.MODBUS / 4-20mA



Sensors

Analatycal Series Instruments

FREHNIG Analytical Series Instruments - TDS

Applications

- Water Treatment
- Test Rigs
- Paper & Pulp
- Effluent Treatment Plants
- Waste Water & Sewerage
- Food & Dairy Processing
- Chemical Process Plants

Features

- TDS with digital calibration
- High resolution
- Analog Output
- RS-485 / Modbus output
- Separate version
- Computerized data logging
- Easy Calibration

FREHNIG TDS transmitter is an easy to use instrument with all the necessary tools for online measurement and monitoring of pH

The FDP 2021 features high impedance analog front end with high resolution Analog to digital conversion for superior performance.

The FDP 2021 transmitter accepts a two wire TDS sensor with a cell constant from 0.1 to 10

The 2 line alphanumeric display shows TDS in ppm

The transmitter has 3 point calibration for linear measurement.

The 4-20 mA outputs are again of high resolution and can be scaled digitally.

The 485-communication is done over MODBUS protocol for easy implementation of DAQ

Specifications of transmitter

Accuracy	: 0.5%
Units	: ppm
Sensor Input	: 4-20mA - 2 Nos
Sensor Input	: pluggable combicon
Display	: 2 Line Alphanumeric
Resolution	: 1 ppm
Analog Output	: 4-20mA
Communication Output	: Rs-485
Protocol	: MODBUS
Calibration	: Digital
Power Supply	: 220V AC 50 Hz
Enclosure	: Wall mount

FREHNIG

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An ISO 9001 : 2008 certified company



ISO 9001 : 2008

