

MULTI PARAMETER

2-CHANNEL UNIVERSAL TRANSMITTER - IUNI-21

Liquid Analysis

Measurement & Monitoring



DESCRIPTION

The IUNI-21 universal transmitter has strong universality and can be connected widely to different type of digital sensors. The transmitter is able to read parameters such as pH, Conductivity, DO, Residual Chlorine, Turbidity, Suspended Solid, Ammonia Nitrogen, COD, Chlorophyll and Blue-green Algae. It can connect two sensors at the same time to reduce the cost of transmitter and installation space. This product is widely used in sewage plant, water plant, water station, surface water, farming, industry and etc.

FEATURES

- ✓ Dual channel
- ✓ Connect two sensors at one time
- ✓ 4-20mA output
- ✓ Relay output
- ✓ Communication, RS485 (Modbus)
- ✓ LCD visual display
- ✓ User friendly and attractive operating interface

TECHNICAL FEATURES

Display	160*160 LCD with backlighted
Power Supply	AC: 85-500V AC, 50/60Hz DC: 9-36V DC (upon request)
Analogue Output	3 x 4-20mA
Relay Output	3 x Relay Output (programmed response parameters and value)
Communication Protocol	RS485 (Modbus)
Ambient Temperature	-20 to 70°C
Operation Temperature	-15 to 60°C
Enclosure Material	PA66+GF25+FR (Cover) Aluminium alloy powder (Lower casing)
Protection	IP65 / NEMA 4X
Device Weight	1.35 kg
Device Dimension	145 (H) x 125 (W) x 162 (D) mm

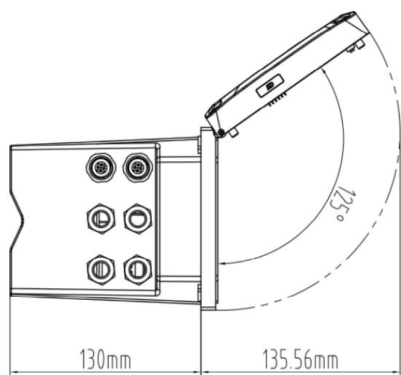
I-SYSTEM MEASUREMENT
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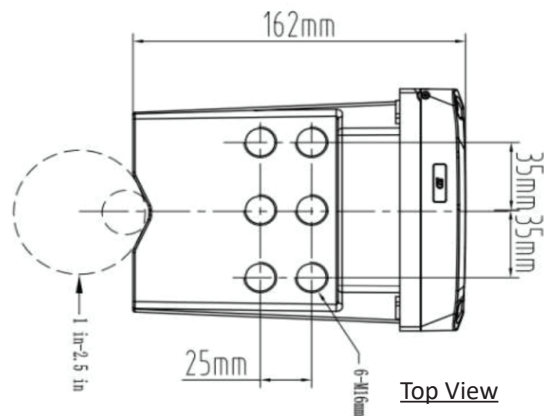
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DIMENSION/DRAWING

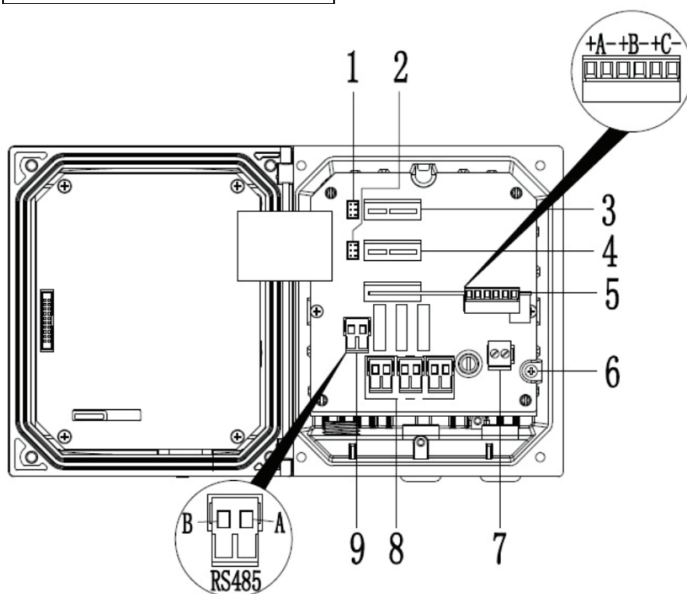


Bottom View



Top View

WIRING DIAGRAM



- 1) Sensor 1 Terminal
- 2) Sensor 2 Terminal
- 3) Digital Analog Converter 1
- 4) Digital Analog Converter 2
- 5) 3 x 4-20mA
- 6) Grounding
- 7) Power Supply Terminal
- 8) 3 x Relay
- 9) RS485 Communication Terminal

